

Converting Colors

XYZ(77.8409, 91.4776, 92.3175)

Have a look what the booklet for
XYZ(77.8409, 91.4776, 92.3175)
contains.

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Color

**XYZ(77.9068, 91.5152,
92.1553)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FFEB
RGB	212, 255, 235
RGB Percent	83%, 100%, 92%
CMY	0.1686, 0.0000, 0.0784
CMYK	0.17, 0.00, 0.08, 0.00
HSL	152°, 100%, 92%
HSV	152°, 17%, 100%
XYZ	77.9068, 91.5152, 92.1553
YIQ	239.8630, -19.2080, -15.3360

Conversions

Conversions Part 2

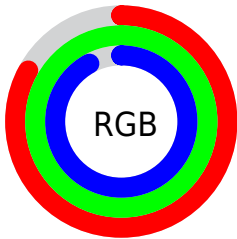
Format	Color
R _Y B	212, 240, 255
Decimal	13959147
CIE Lab	96.62, -17.51, 4.99
CIE LCh	97, 18.205, 164.085
Yxy	91.5152, 0.2978, 0.3499
Android (android.graphics.Color)	4292149227 (0xFFD4FFEB)
YUV	239.8630, -2.3975, -24.4359
Hunter-Lab	95.6636, -22.0439, 9.8489

Details

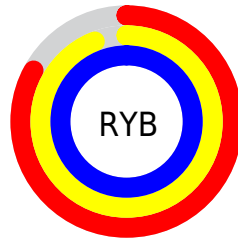
The XYZ color **77.9068, 91.5152, 92.1553** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.3495, 74.1742, 86.4790**, and the grayscale version is **82.7459, 87.0551, 94.8030**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2354, 50.8109, 50.2293** is the 20% darker color. If you saturate the color by 10%, you get **69.4703, 87.3575, 83.1126**, and if you desaturate by 10%, it is **87.6201, 96.3180, 101.8571**.

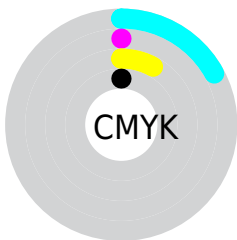
Distribution



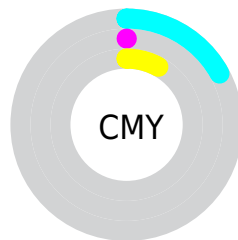
- Red (83%)
- Green (100%)
- Blue (92%)



- Red (83%)
- Yellow (94%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.9068, 91.5152, 92.1553 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.9068, 91.5152, 92.1553 by changing the saturation by 10% instead.


 77.9068, 91.5152,
92.1553

 77.9068, 91.5152,
92.1553

476.6949,
532.9475, 555.7673

 58.2999, 69.2380,
69.1859


129.3848,
149.4413, 152.2902

 42.2940, 50.9056,
50.3904


161.9866,
185.8590, 190.2927

 29.5237, 36.1335,
35.3503

199.6508,
227.7590, 234.1434

 19.6236, 24.5373,
23.6472

242.7428,
275.5257, 284.2607

 12.2284, 15.7327,
14.8623

291.6278,
329.5436, 341.0632

 6.9727, 9.3352,
8.5773

346.6713,

 3.4912, 4.9604,

390.1969, 404.9694

4.3735

408.2385,
457.8700, 476.3979

■ 1.4185, 2.2241,
1.8324

■ 0.2694, 0.7331,
0.4492

■ 77.9068, 91.5152,
92.1553

■ 77.9068, 91.5152,
92.1553

■ 69.4703, 87.3575,
83.1126

■ 87.6201, 96.3180,
101.8571

■ 62.2516, 83.8146,
74.7103

95.0500, 100.0000,
108.9000

■ 56.1905, 80.8558,
66.9352

■ 51.2206, 78.4471,
59.7720

■ 47.2683, 76.5509,
53.2044

■ 44.2503, 75.1245,
47.2155

■ 42.0694, 74.1181,
41.7870

■ 40.6028, 73.4687,
36.8991

■ 40.2324, 73.3090,
35.4716

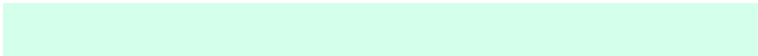
Harmonies

Analogous

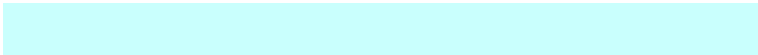
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3501, 91.5152, 80.8382



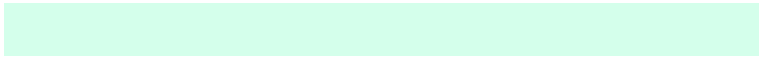
77.9068, 91.5152, 92.1553



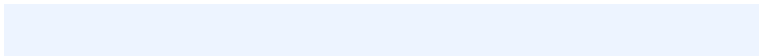
77.8317, 91.5152, 106.6220

Triad

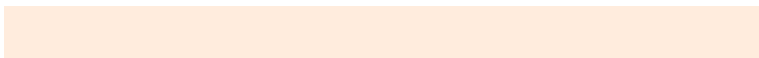
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.9068, 91.5152, 92.1553



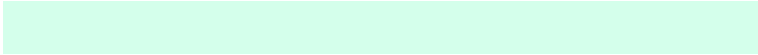
89.3858, 91.5152, 129.3754



94.2029, 91.5152, 81.3898

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



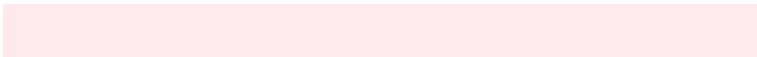
77.9068, 91.5152, 92.1553



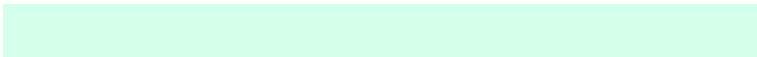
79.3495, 74.1742, 86.4790

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.8237, 91.5152, 92.9782



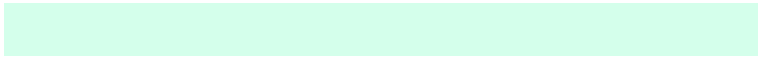
77.9068, 91.5152, 92.1553



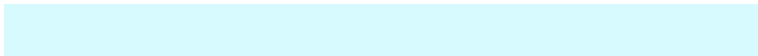
93.9701, 91.5152, 121.1623

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9068, 91.5152, 92.1553



84.3265, 91.5152, 129.0999



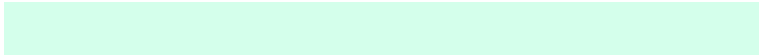
96.7369, 91.5152, 107.5288



89.6935, 91.5152, 75.0492

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



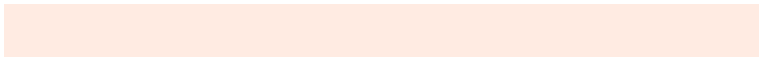
77.9068, 91.5152, 92.1553



79.1267, 91.5152, 116.1910



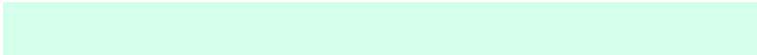
96.7369, 91.5152, 107.5288



95.3417, 91.5152, 84.7485

Sweetspot

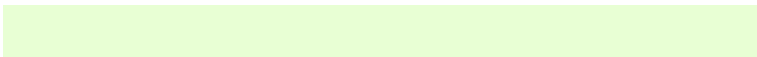
The Sweet Spot groups the original color and five complimentary colors.



77.9077, 91.5156, 92.1568



89.5736, 97.2854, 103.7367



80.9447, 93.4407, 76.0584



19.0135, 20.7443, 22.0515



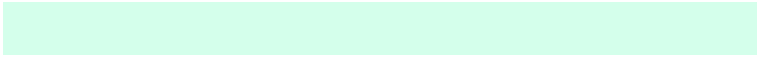
0.0000, 0.0000, 0.0000



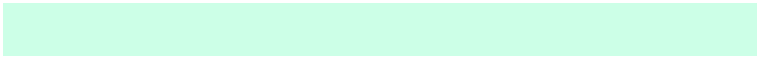
20.3446, 21.4041, 23.3091

Same Dimension

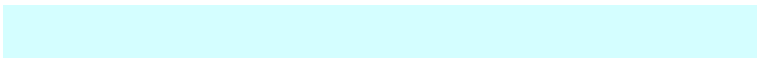
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.9077, 91.5156, 92.1568



75.1252, 90.1427, 89.2486



80.5065, 91.8263, 108.0888



18.1778, 20.3306, 21.2391



21.0986, 38.3360, 18.9362



2.1095, 3.7547, 2.1345

Inverse Universe

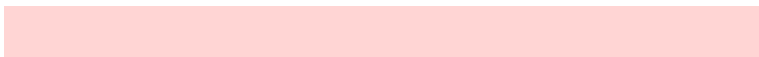
The Inverse Universe completely reimagines the original color for something new.



79.3495, 74.1742, 86.4790



76.7976, 70.0316, 82.6649



77.0279, 73.8214, 72.4779



18.3609, 18.1277, 20.5177



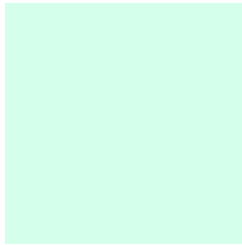
23.3499, 11.8292, 10.4927



2.3280, 1.1736, 1.3088

Previews

White Background



This preview shows how the XYZ color 77.9068, 91.5152, 92.1553 looks on a white background.

Color Contrast Check

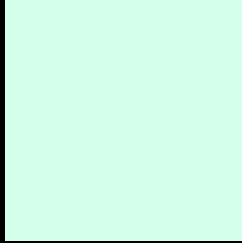
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.9068, 91.5152, 92.1553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

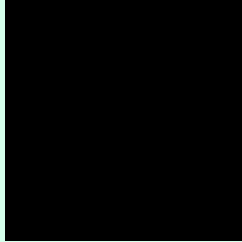
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

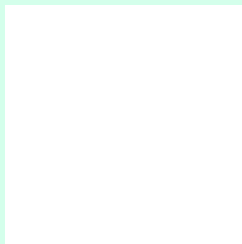
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.9068, 91.5152, 92.1553

Background



This preview shows how black text looks on a background with the XYZ color 77.9068, 91.5152, 92.1553.



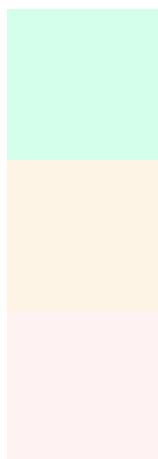
This preview shows how white text looks on a background with the XYZ color 77.9068, 91.5152,

92.1553.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.9068, 91.5152, 92.1553

Protanopia

87.0016, 91.2412, 87.1546

Deuteranopia

89.1698, 91.2353, 97.7044



Tritanopia

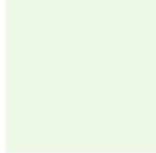
85.5717, 91.4037, 107.7403

Trichromacy



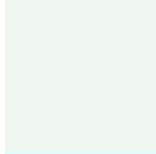
Original Color

77.9068, 91.5152, 92.1553



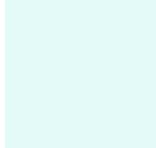
Protanomaly

83.2511, 91.0815, 88.7940



Deuteranomaly

84.5855, 91.1635, 95.5763



Tritanomaly

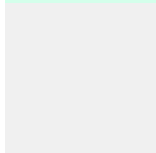
82.8074, 91.4794, 102.0998

Monochromacy



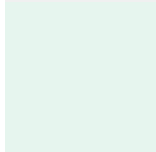
Original Color

77.9068, 91.5152, 92.1553



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

80.7182, 88.3009, 93.6784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9068, 91.5152, 92.1553 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 77.9068, 91.5152, 92.1553 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 255, 235) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 255, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9068, 91.5152, 92.1553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
255, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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[Learn more, Memberships starting at \\$2.50/m!](#)

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