

Converting Colors

XYZ(77.5826, 91.3449, 92.2871)

Have a look what the booklet for
XYZ(77.5826, 91.3449, 92.2871)
contains.

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Color

**XYZ(77.6194, 91.3670,
92.1419)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FFEB
RGB	211, 255, 235
RGB Percent	83%, 100%, 92%
CMY	0.1725, 0.0000, 0.0784
CMYK	0.17, 0.00, 0.08, 0.00
HSL	153°, 100%, 91%
HSV	153°, 17%, 100%
XYZ	77.6194, 91.3670, 92.1419
YIQ	239.5640, -19.8040, -15.5480

Conversions

Conversions Part 2

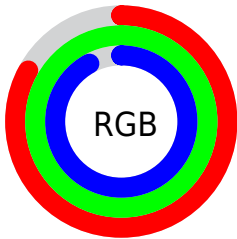
Format	Color
R _Y B	211, 239, 255
Decimal	13893611
CIE Lab	96.56, -17.82, 4.90
CIE LCh	97, 18.481, 164.637
Yxy	91.3670, 0.2972, 0.3499
Android (android.graphics.Color)	4292083691 (0xFFD3FFEB)
YUV	239.5640, -2.2501, -25.0506
Hunter-Lab	95.5861, -22.3271, 9.7566

Details

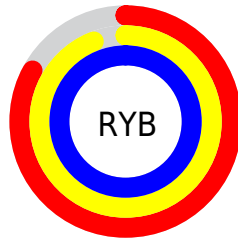
The XYZ color **77.6194, 91.3670, 92.1419** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.9587, 73.6192, 85.6499**, and the grayscale version is **82.5115, 86.8085, 94.5345**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0411, 50.7108, 50.2202** is the 20% darker color. If you saturate the color by 10%, you get **69.2638, 87.2468, 83.2930**, and if you desaturate by 10%, it is **87.2447, 96.1292, 101.6227**.

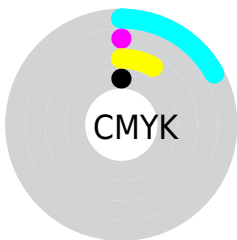
Distribution



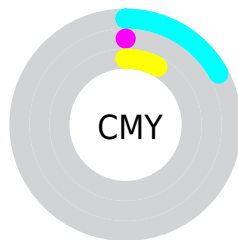
- Red (83%)
- Green (100%)
- Blue (92%)



- 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 77.6194, 91.3670, 92.1419 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 77.6194, 91.3670, 92.1419 by changing the saturation by 10% instead.

77.6194, 91.3670,
92.1419

77.6194, 91.3670,
92.1419

475.7329,
532.4677, 555.7229

58.0631, 69.1150,
69.1748

128.9817,
149.2358, 152.2714

42.1028, 50.8054,
50.3814

161.5183,
185.6213, 190.2710

29.3733, 36.0537,
35.3433

199.1125,
227.4868, 234.1184

19.5091, 24.4757,
23.6418

242.1294,
275.2167, 284.2323

12.1449, 15.6869,
14.8584

290.9346,
329.1953, 341.0311

6.9153, 9.3028,
8.5745

345.8934,

3.4551, 4.9392,

389.8071, 404.9335

4.3717

407.3710,
457.4364, 476.3579

■ 1.3987, 2.2117,
1.8314

■ 0.2553, 0.7263,
0.4485

■ 77.6194, 91.3670,
92.1419

■ 77.6194, 91.3670,
92.1419

■ 69.2638, 87.2468,
83.2930

■ 87.2447, 96.1292,
101.6227

■ 62.1188, 83.7383,
75.0582

95.0500, 100.0000,
108.9000

■ 56.1241, 80.8106,
67.4250

■ 51.2133, 78.4299,
60.3789

■ 47.3126, 76.5582,
53.9047

■ 44.3385, 75.1530,
47.9861

■ 42.1932, 74.1639,
42.6060

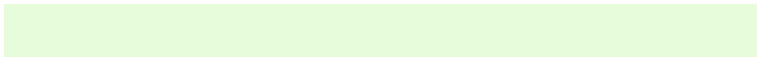
■ 40.7511, 73.5266,
37.7453

■ 40.4272, 73.3869,
36.4973

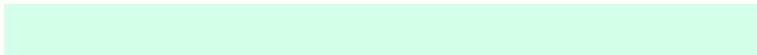
Harmonies

Analogous

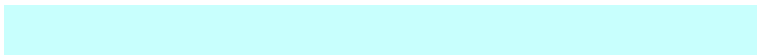
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0538, 91.3670, 80.5988



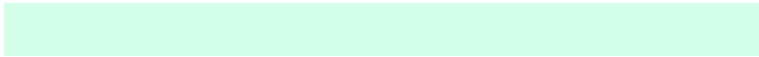
77.6194, 91.3670, 92.1419



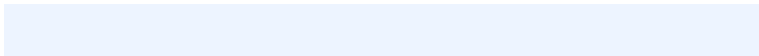
77.5892, 91.3670, 106.8395

Triad

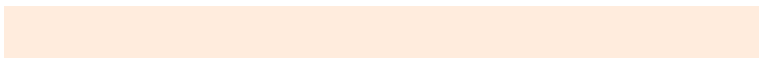
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.6194, 91.3670, 92.1419



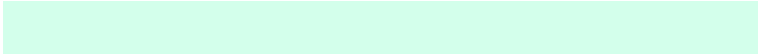
89.3736, 91.3670, 129.5938



94.0963, 91.3670, 80.8200

Complementary

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



77.6194, 91.3670, 92.1419



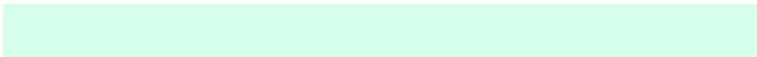
78.9587, 73.6192, 85.6499

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.



96.8017, 91.3670, 92.4724



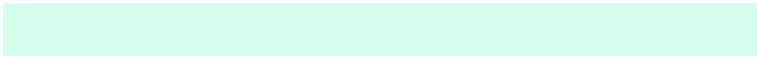
77.6194, 91.3670, 92.1419



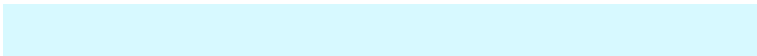
94.0026, 91.3670, 121.1083

Square

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



77.6194, 91.3670, 92.1419



84.2389, 91.3670, 129.4828



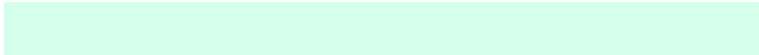
96.7668, 91.3670, 107.2043



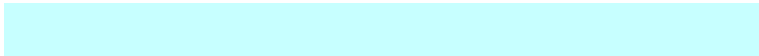
89.4973, 91.3670, 74.5167

Rectangle

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



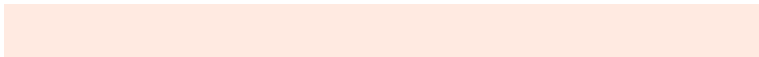
77.6194, 91.3670, 92.1419



78.9297, 91.3670, 116.5276



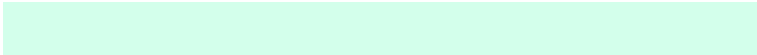
96.7668, 91.3670, 107.2043



95.2653, 91.3670, 84.1875

Sweetspot

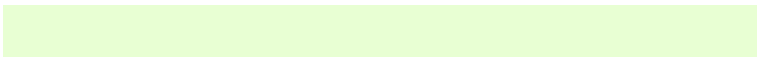
The Sweet Spot groups the original color and five complimentary colors.



77.6203, 91.3675, 92.1434



89.5947, 97.2939, 103.8476



80.6460, 93.3013, 75.3879



19.0186, 20.7464, 22.0784



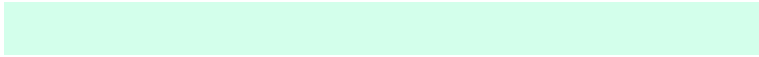
0.0000, 0.0000, 0.0000



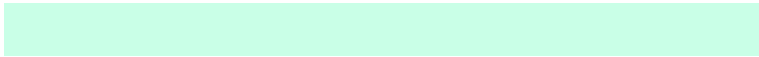
20.3446, 21.4041, 23.3091

Same Dimension

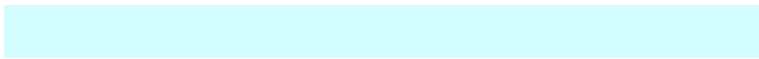
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6203, 91.3675, 92.1434



74.3444, 89.7503, 88.7551



80.2085, 91.6570, 108.0719



18.1861, 20.3340, 21.2829



21.2005, 38.3768, 19.4727



2.1194, 3.7587, 2.1864

Inverse Universe

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



78.9587, 73.6192, 85.6499



75.9303, 68.7229, 81.0633



76.6590, 73.2850, 71.7345



18.3527, 18.1244, 20.4743



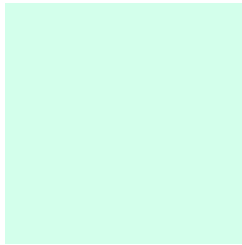
23.2661, 11.7958, 10.0519



2.3196, 1.1702, 1.2645

Previews

White Background



This preview shows how the XYZ color 77.6194, 91.3670, 92.1419 looks on a white background.

Color Contrast Check

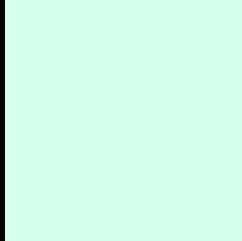
Large Text (above 18pt) WCAG AA × Fail

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 77.6194, 91.3670, 92.1419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

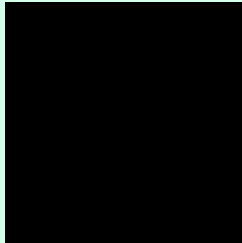
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

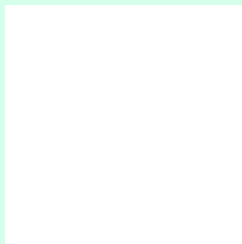
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.6194, 91.3670, 92.1419

Background



This preview shows how black text looks on a background with the XYZ color 77.6194, 91.3670, 92.1419.



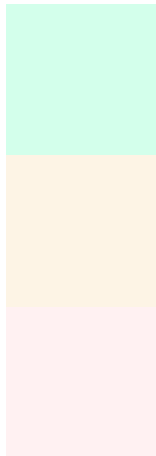
This preview shows how white text looks on a background with the XYZ color 77.6194, 91.3670,

92.1419.

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

77.6194, 91.3670, 92.1419

Protanopia

87.0016, 91.2412, 87.1546

Deuteranopia

88.7223, 90.5814, 96.8122



Tritanopia

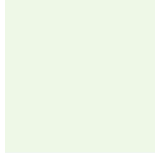
85.2424, 91.2340, 107.7249

Trichromacy



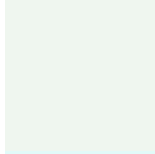
Original Color

77.6194, 91.3670, 92.1419



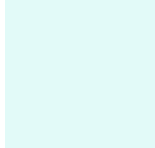
Protanomaly

83.2511, 91.0815, 88.7940



Deuteranomaly

84.1324, 90.4943, 94.6942



Tritanomaly

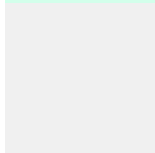
82.4929, 91.3173, 102.0851

Monochromacy



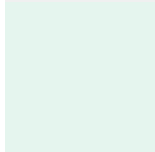
Original Color

77.6194, 91.3670, 92.1419



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

80.3981, 88.1359, 93.6634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6194, 91.3670, 92.1419 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(211, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 77.6194, 91.3670, 92.1419 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(211, 255, 235) }
```


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

```
.border{ border-color:rgb(211, 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(211, 255, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6194, 91.3670, 92.1419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 235) }
```

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

```
.background{ background-color: rgb(211,  
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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