

Converting Colors

XYZ(129.3436, 195.8836,
109.6628)

Have a look what the booklet for
XYZ(129.3436, 195.8836, 109.6628)
contains.

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Color

**XYZ(76.7678, 90.9281,
92.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FFEB
RGB	208, 255, 235
RGB Percent	82%, 100%, 92%
CMY	0.1843, 0.0000, 0.0784
CMYK	0.18, 0.00, 0.08, 0.00
HSL	154°, 100%, 91%
HSV	154°, 18%, 100%
XYZ	76.7678, 90.9281, 92.1020
YIQ	238.6670, -21.5920, -16.1840

Conversions

Conversions Part 2

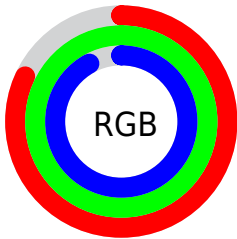
Format	Color
R _Y B	208, 238, 255
Decimal	13697003
CIE Lab	96.38, -18.76, 4.61
CIE LCh	96, 19.317, 166.186
Yxy	90.9281, 0.2955, 0.3500
Android (android.graphics.Color)	4291887083 (0xFFD0FFEB)
YUV	238.6670, -1.8078, -26.8950
Hunter-Lab	95.3562, -23.1696, 9.4828

Details

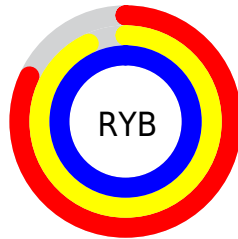
The XYZ color **76.7678, 90.9281, 92.1020** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.7999, 71.9741, 83.1907**, and the grayscale version is **81.8104, 86.0709, 93.7312**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4676, 50.4151, 50.1933** is the 20% darker color. If you saturate the color by 10%, you get **68.6452, 86.9163, 83.7872**, and if you desaturate by 10%, it is **86.1403, 95.5730, 100.9773**.

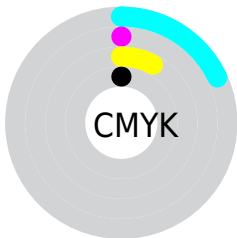
Distribution



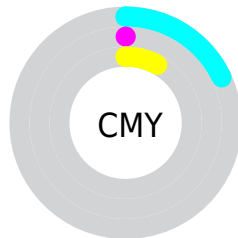
- Red (82%)
- Green (100%)
- Blue (92%)



- Red (82%)
- Yellow (93%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7678, 90.9281, 92.1020 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 76.7678, 90.9281, 92.1020 by changing the saturation by 10% instead.


 76.7678, 90.9281,
92.1020

 76.7678, 90.9281,
92.1020


472.8761,
531.0453, 555.5907

 57.3616, 68.7507,
69.1418


127.7862,
148.6269, 152.2157

 41.5369, 50.5087,
50.3548


160.1292,
184.9170, 190.2063

 28.9284, 35.8177,
35.3222


197.5150,
226.6802, 234.0441

 19.1706, 24.2935,
23.6256

240.3092,
274.3008, 284.1477

 11.8984, 15.5515,
14.8465

288.8771,
328.1632, 340.9356

 6.7462, 9.2073,
8.5663

343.5839,

 3.3488, 4.8767,

388.6519, 404.8264

4.3665

404.7951,
456.1511, 476.2386

■ 1.3408, 2.1751,
1.8285

■ 0.2134, 0.7064,
0.4466

■ 76.7678, 90.9281,
92.1020

■ 76.7678, 90.9281,
92.1020

■ 68.6452, 86.9163,
83.7872

■ 86.1403, 95.5730,
100.9773

■ 61.7135, 83.5077,
76.0171

95.0500, 100.0000,
108.9000

■ 55.9121, 80.6711,
68.7813

■ 51.1742, 78.3723,
62.0672

■ 47.4256, 76.5733,
55.8618

■ 44.5818, 75.2307,
50.1513

■ 42.5432, 74.2935,
44.9207

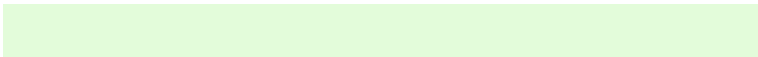
■ 41.1711, 73.6902,
40.1528

■ 40.9869, 73.6108,
39.4445

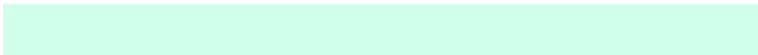
Harmonies

Analogous

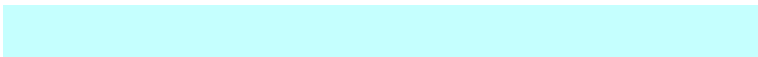
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1762, 90.9281, 79.8872



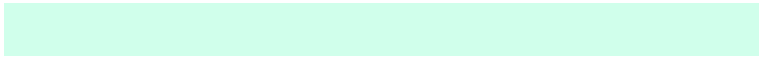
76.7678, 90.9281, 92.1020



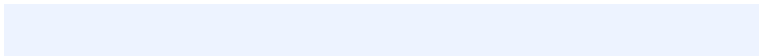
76.8702, 90.9281, 107.4913

Triad

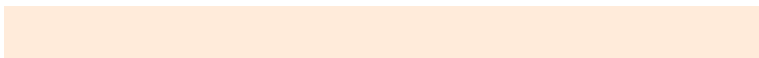
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7678, 90.9281, 92.1020



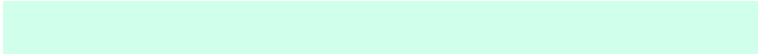
89.3388, 90.9281, 130.2526



93.7821, 90.9281, 79.1381

Complementary

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



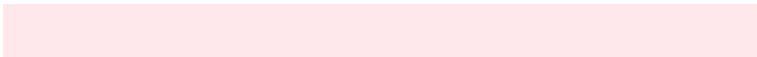
76.7678, 90.9281, 92.1020



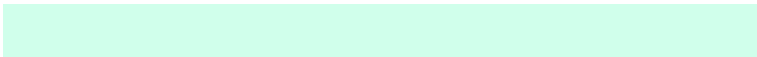
77.7999, 71.9741, 83.1907

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.



96.7392, 90.9281, 90.9780



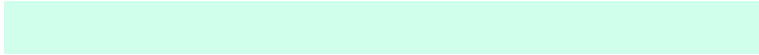
76.7678, 90.9281, 92.1020



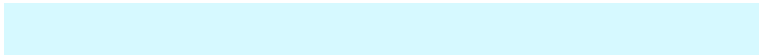
94.1021, 90.9281, 120.9533

Square

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



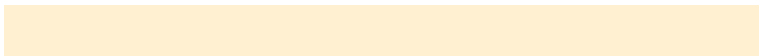
76.7678, 90.9281, 92.1020



83.9792, 90.9281, 130.6340



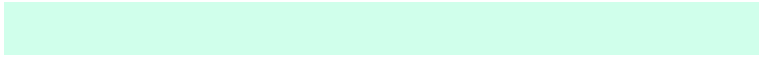
96.8587, 90.9281, 106.2451



88.9167, 90.9281, 72.9442

Rectangle

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



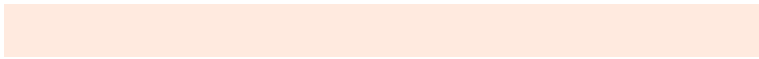
76.7678, 90.9281, 92.1020



78.3451, 90.9281, 117.5375



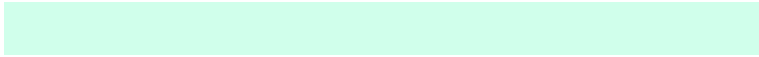
96.8587, 90.9281, 106.2451



95.0409, 90.9281, 82.5311

Sweetspot

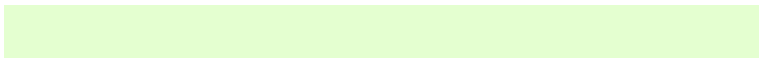
The Sweet Spot groups the original color and five complimentary colors.



76.7686, 90.9284, 92.1035



88.6128, 96.8006, 103.2198



79.2571, 92.6284, 73.3775



18.8229, 20.6479, 21.9636



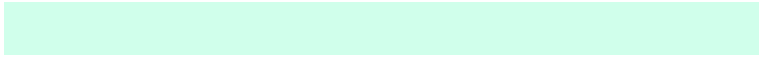
0.0000, 0.0000, 0.0000



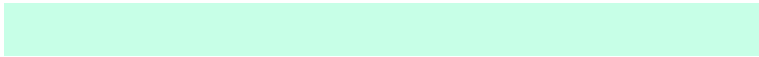
20.3446, 21.4041, 23.3091

Same Dimension

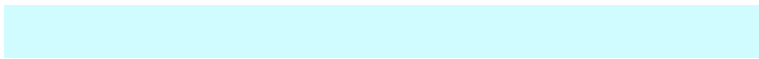
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7686, 90.9284, 92.1035



73.7287, 89.4252, 89.0717



78.8315, 90.1673, 107.8569



18.2090, 20.3431, 21.4035



21.4928, 38.4937, 21.0123



2.1474, 3.7699, 2.3339

Inverse Universe

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



77.7999, 71.9741, 83.1907



74.9289, 67.3762, 78.7061



75.9532, 72.4698, 69.6606



18.3301, 18.1154, 20.3556



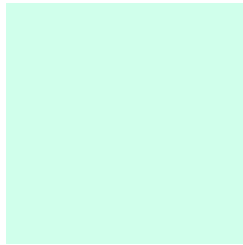
23.0482, 11.7086, 8.9045



2.2974, 1.1613, 1.1477

Previews

White Background



This preview shows how the XYZ color 76.7678, 90.9281, 92.1020 looks on a white background.

Color Contrast Check

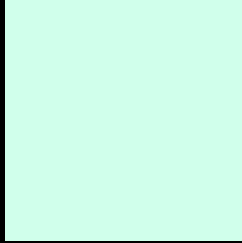
Large Text (above 18pt) WCAG AA × Fail

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 76.7678, 90.9281, 92.1020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

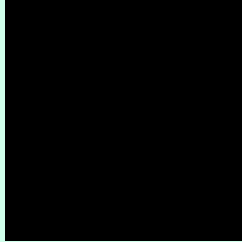
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

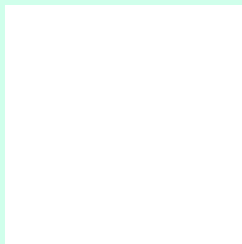
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.7678, 90.9281, 92.1020

Background



This preview shows how black text looks on a background with the XYZ color 76.7678, 90.9281, 92.1020.



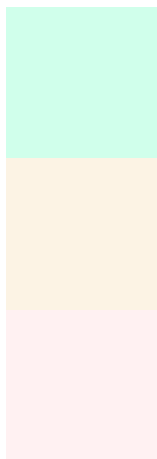
This preview shows how white text looks on a background with the XYZ color 76.7678, 90.9281,

92.1020.

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

76.7678, 90.9281, 92.1020

Protanopia

86.1991, 90.3981, 86.3042

Deuteranopia

88.7223, 90.5814, 96.8122



Tritanopia

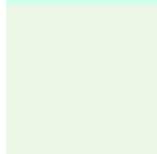
84.2845, 90.2873, 107.5927

Trichromacy



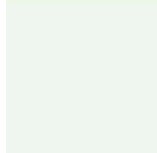
Original Color

76.7678, 90.9281, 92.1020



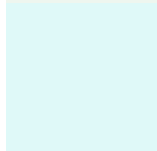
Protanomaly

82.2766, 90.1239, 88.6605



Deuteranomaly

83.7957, 90.3207, 94.6785



Tritanomaly

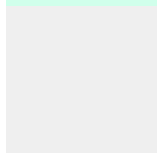
81.2504, 90.2166, 101.9381

Monochromacy



Original Color

76.7678, 90.9281, 92.1020



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

80.0799, 87.9718, 93.6485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7678, 90.9281, 92.1020 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(208, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.7678, 90.9281, 92.1020 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(208, 255, 235) }
```


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

```
.border{ border-color:rgb(208, 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(208, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7678, 90.9281, 92.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 235) }
```

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

```
.background{ background-color: rgb(208,  
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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