

Converting Colors

XYZ(75.8721, 85.0803,
103.3016)

Have a look what the booklet for
XYZ(75.8721, 85.0803, 103.3016)
contains.

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Color

**XYZ(76.0578, 85.2217,
103.7076)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F4FB
RGB	209, 244, 251
RGB Percent	82%, 96%, 98%
CMY	0.1804, 0.0431, 0.0157
CMYK	0.17, 0.03, 0.00, 0.02
HSL	190°, 84%, 90%
HSV	190°, 17%, 98%
XYZ	76.0578, 85.2217, 103.7076
YIQ	234.3330, -23.1070, -5.2430

Conversions

Conversions Part 2

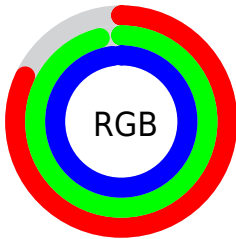
Format	Color
R_{YB}	209, 228, 251
Decimal	13759739
CIE _{Lab}	93.98, -9.85, -7.16
CIE _{LCh}	94, 12.175, 216.031
Yxy	85.2217, 0.2870, 0.3216
Android (android.graphics.Color)	4291949819 (0xFFD1F4FB)
YUV	234.3330, 8.2168, -22.2170
Hunter-Lab	92.3156, -14.4881, -1.9856

Details

The XYZ color **76.0578, 85.2217, 103.7076** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.8489, 74.2245, 70.6524**, and the grayscale version is **78.4132, 82.4968, 89.8391**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1600, 46.7766, 58.4892** is the 20% darker color. If you saturate the color by 10%, you get **68.2648, 79.3598, 102.9882**, and if you desaturate by 10%, it is **85.0031, 91.7245, 104.4927**.

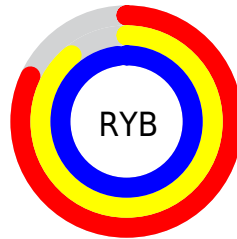
Distribution



Red (82%)

Green (96%)

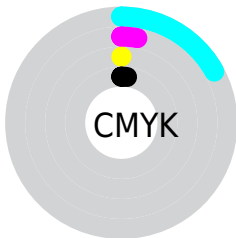
Blue (98%)



Red (82%)

Yellow (89%)

Blue (98%)

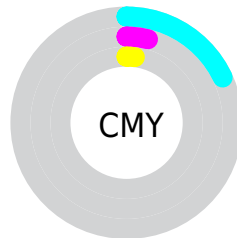


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (2%)



Cyan (18%)

Magenta (4%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0578, 85.2217, 103.7076 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 76.0578, 85.2217, 103.7076 by changing the saturation by 10% instead.

■ 76.0578, 85.2217,
103.7076

■ 76.0578, 85.2217,
103.7076

470.4869,
512.3614, 593.3632

■ 56.7771, 64.0246,
78.7664

126.7885,
140.6829, 168.3392

■ 41.0658, 46.6706,
58.1836

158.9693,
175.7157, 208.8666

■ 28.5584, 32.7753,
41.5406

196.1808,
216.1293, 255.4266

■ 18.8896, 21.9544,
28.4189

238.7884,
262.3079, 308.4377

■ 11.6941, 13.8234,
18.3999

287.1575,
314.6361, 368.3183

■ 6.6064, 7.9979,
11.0650

341.6533,

■ 3.2613, 4.0936,

373.4981, 435.4871

5.9959

402.6413,
439.2784, 510.3625

■ 1.2934, 1.7261,
2.7738

■ 0.1783, 0.4405,
0.9803

■ 76.0578, 85.2217,
103.7076

■ 76.0578, 85.2217,
103.7076

■ 68.2648, 79.3598,
102.9882

■ 85.0031, 91.7245,
104.4927

■ 61.5642, 74.1008,
102.3263

■ 93.5789, 98.0773,
105.2669

■ 55.9019, 69.4190,
101.7211

■ 94.4129, 99.7451,
105.5449

■ 51.2161, 65.2821,
101.1695

■ 47.4383, 61.6545,
100.6685

■ 44.4908, 58.4960,
100.2142

■ 42.2827, 55.7593,
99.8023

■ 40.6989, 53.3848,
99.4275

■ 40.2592, 52.6578,
99.3103

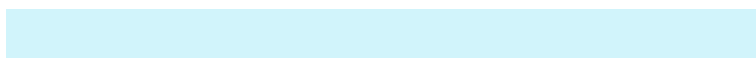
Harmonies

Analogous

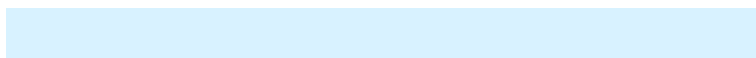
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9515, 85.2217, 94.6826



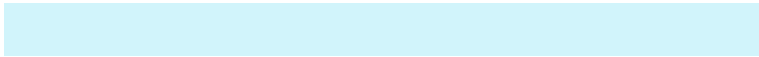
76.0578, 85.2217, 103.7076



78.4917, 85.2217, 110.1010

Triad

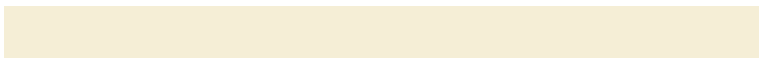
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0578, 85.2217, 103.7076



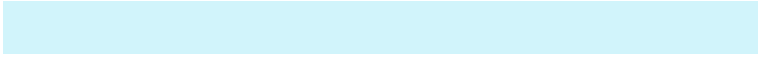
86.8382, 85.2217, 100.2438



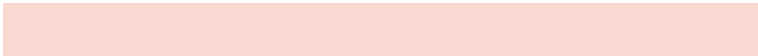
80.3467, 85.2217, 76.1283

Complementary

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



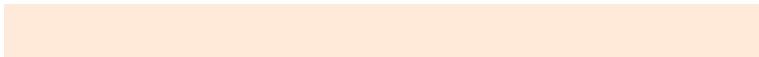
76.0578, 85.2217, 103.7076



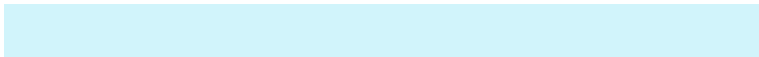
75.8489, 74.2245, 70.6524

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.



83.5625, 85.2217, 77.3993



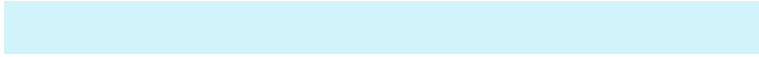
76.0578, 85.2217, 103.7076



87.3668, 85.2217, 90.9266

Square

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



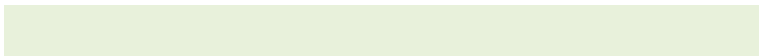
76.0578, 85.2217, 103.7076



84.7274, 85.2217, 108.0096



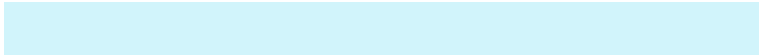
86.1532, 85.2217, 82.6704



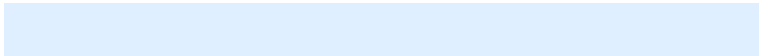
77.3848, 85.2217, 79.0753

Rectangle

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



76.0578, 85.2217, 103.7076



80.5695, 85.2217, 111.7889



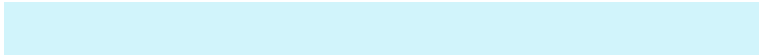
86.1532, 85.2217, 82.6704



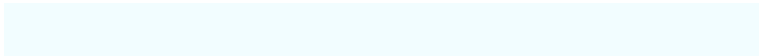
81.4334, 85.2217, 76.0791

Sweetspot

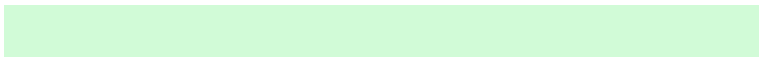
The Sweet Spot groups the original color and five complimentary colors.



76.0603, 85.2252, 103.7095



89.8400, 96.3138, 108.4631



73.0976, 87.4730, 77.5253



19.0781, 20.5072, 23.2027



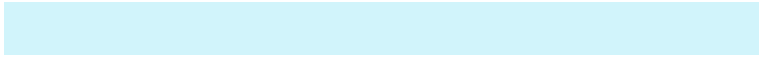
0.0000, 0.0000, 0.0000



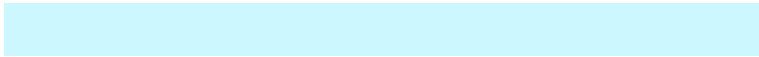
20.3446, 21.4041, 23.3091

Same Dimension

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



76.0603, 85.2252, 103.7095



76.0611, 86.2758, 107.2518



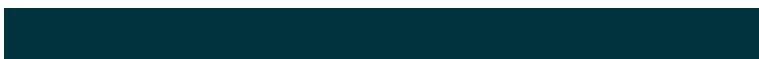
70.2838, 73.6723, 101.7840



17.5053, 19.0874, 22.1469



21.2545, 27.8645, 52.2317



2.0317, 2.7071, 4.8586

Inverse Universe

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



78.9153, 72.6437, 95.4543



79.5449, 71.1305, 97.1319



81.3757, 85.2781, 72.4947



17.8616, 17.4720, 21.1268



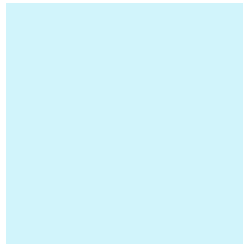
27.0203, 13.2238, 33.1449



2.5344, 1.2375, 3.2378

Previews

White Background



This preview shows how the XYZ color 76.0578, 85.2217, 103.7076 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 76.0578, 85.2217, 103.7076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

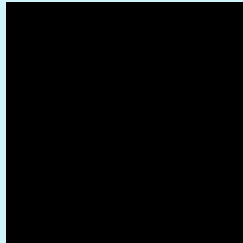
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0578, 85.2217, 103.7076

Background



This preview shows how black text looks on a background with the XYZ color 76.0578, 85.2217, 103.7076.

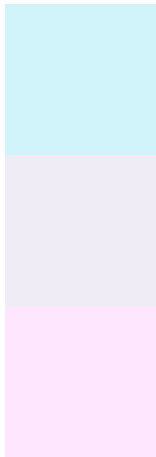


This preview shows how white text looks on a background with the XYZ color 76.0578, 85.2217,

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

76.0578, 85.2217, 103.7076

Protanopia

82.2266, 84.9954, 99.2607

Deuteranopia

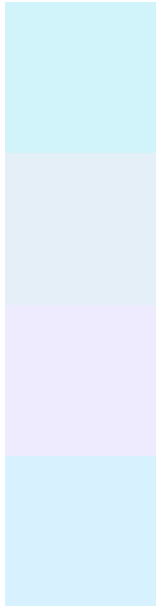
86.6942, 84.6320, 105.5323



Tritanopia

78.7187, 85.1907, 106.9023

Trichromacy



Original Color

76.0578, 85.2217, 103.7076

Protanomaly

79.8047, 85.0043, 101.0082

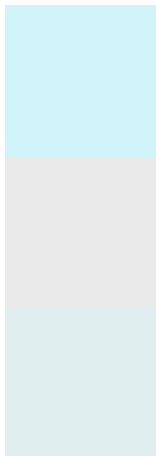
Deuteranomaly

82.3630, 84.5130, 104.9002

Tritanomaly

77.6659, 85.1071, 106.0998

Monochromacy



Original Color

76.0578, 85.2217, 103.7076

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.3540, 83.4479, 94.4681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0578, 85.2217, 103.7076 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(209, 244, 251)` looks like.

```
.text, #text, p{  
    color:rgb(209, 244, 251)  
}
```

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(209, 244, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 244, 251) }
```

Border

The CSS property to change the border of an element to XYZ 76.0578, 85.2217, 103.7076 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(209, 244, 251) }
```


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

```
.border{ border-color:rgb(209, 244, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 244, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 244, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 244, 251);  
box-shadow:4px 4px 4px 4px rgb(209, 244,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0578, 85.2217, 103.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 244, 251) }
```

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

```
.background{ background-color: rgb(209,  
244, 251) }
```

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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