

Converting Colors

XYZ(75.7577, 84.6215,
103.6075)

Have a look what the booklet for
XYZ(75.7577, 84.6215, 103.6075)
contains.

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Color

**XYZ(75.7577, 84.6215,
103.6075)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F3FB
RGB	209, 243, 251
RGB Percent	82%, 95%, 98%
CMY	0.1804, 0.0470, 0.0157
CMYK	0.17, 0.03, 0.00, 0.02
HSL	191°, 84%, 90%
HSV	191°, 17%, 98%
XYZ	75.7577, 84.6215, 103.6075
YIQ	233.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

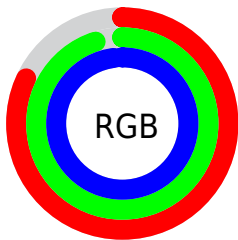
Format	Color
R _Y B	209, 228, 251
Decimal	13759483
CIE Lab	93.72, -9.34, -7.54
CIE LCh	94, 12.007, 218.925
Yxy	84.6215, 0.2870, 0.3206
Android (android.graphics.Color)	4291949563 (0xFFD1F3FB)
YUV	233.7460, 8.5062, -21.7022
Hunter-Lab	91.9899, -13.9799, -2.3849

Details

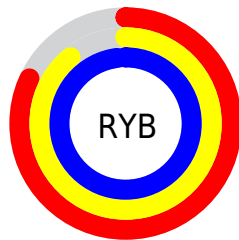
The XYZ color **75.7577, 84.6215, 103.6075** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1059, 74.7385, 70.7381**, and the grayscale version is **77.9668, 82.0271, 89.3276**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9471, 46.3508, 58.4182** is the 20% darker color. If you saturate the color by 10%, you get **67.7970, 78.4241, 102.8322**, and if you desaturate by 10%, it is **84.8794, 91.4771, 104.4514**.

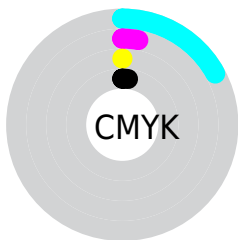
Distribution



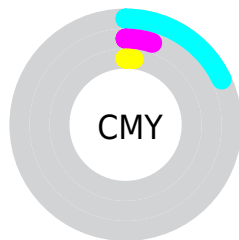
- Red (82%)
- Green (95%)
- Blue (98%)



- Red (82%)
- Yellow (89%)
- Blue (98%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7577, 84.6215, 103.6075 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 75.7577, 84.6215, 103.6075 by changing the saturation by 10% instead.

75.7577, 84.6215,
103.6075

75.7577, 84.6215,
103.6075

469.4750,
510.3748, 593.0429

56.5302, 63.5287,
78.6831

126.3665,
139.8442, 168.2009

40.8668, 46.2690,
58.1155

158.4786,
174.7429, 208.7070

28.4023, 32.4582,
41.4862

195.6162,
215.0124, 255.2441

18.7711, 21.7117,
28.3766

238.1447,
261.0370, 308.2306

11.6080, 13.6452,
18.3683

286.4295,
313.2012, 368.0853

6.5477, 7.8743,
11.0425

340.8359,

3.2247, 4.0146,

371.8892, 435.2265

5.9809

401.7293,
437.4857, 510.0729

■ 1.2737, 1.6818,
2.7649

■ 0.1634, 0.4118,
0.9759

■ 75.7577, 84.6215,
103.6075

■ 75.7577, 84.6215,
103.6075

■ 67.7970, 78.4241,
102.8322

■ 84.8794, 91.4771,
104.4514

■ 60.9373, 72.8470,
102.1173

■ 93.6404, 98.2002,
105.2873

■ 55.1244, 67.8639,
101.4618

■ 94.4128, 99.7451,
105.5448

■ 50.2964, 63.4426,
100.8629

■ 46.3846, 59.5472,
100.3172

■ 43.3115, 56.1373,
99.8210

■ 40.9857, 53.1653,
99.3699

■ 39.2923, 50.5717,
98.9585

■ 38.8185, 49.7765,
98.8300

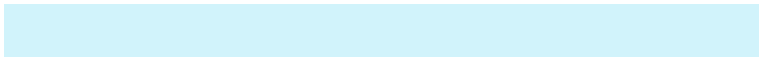
Harmonies

Analogous

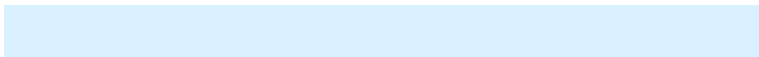
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5287, 84.6215, 94.8873



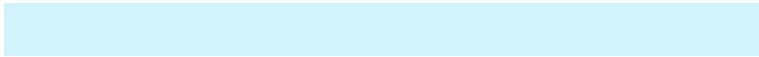
75.7577, 84.6215, 103.6075



78.2473, 84.6215, 109.4987

Triad

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



75.7577, 84.6215, 103.6075



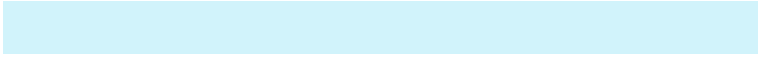
86.2831, 84.6215, 98.5925



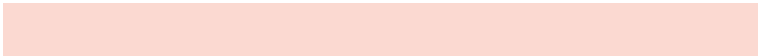
79.4835, 84.6215, 75.8699

Complementary

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



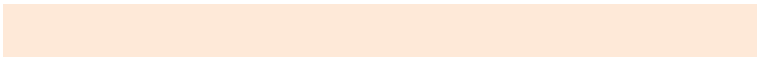
75.7577, 84.6215, 103.6075



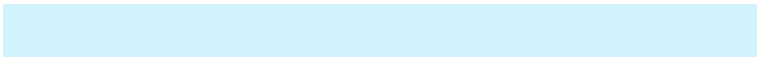
76.1059, 74.7385, 70.7381

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.



82.6533, 84.6215, 76.7175



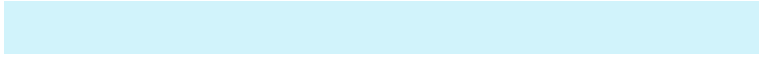
75.7577, 84.6215, 103.6075



86.6353, 84.6215, 89.4432

Square

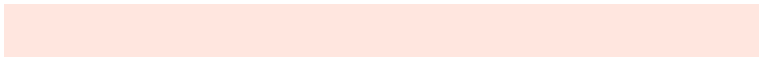
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



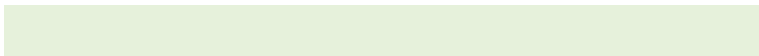
75.7577, 84.6215, 103.6075



84.3410, 84.6215, 106.4731



85.2910, 84.6215, 81.5486



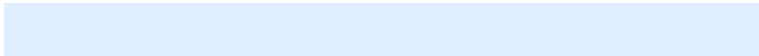
76.6421, 84.6215, 79.1518

Rectangle

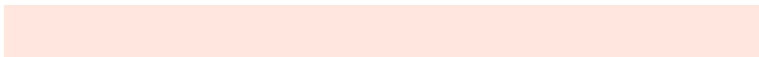
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7577, 84.6215, 103.6075



80.3153, 84.6215, 110.8172



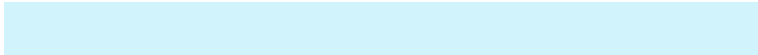
85.2910, 84.6215, 81.5486



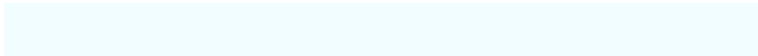
80.5452, 84.6215, 75.6862

Sweetspot

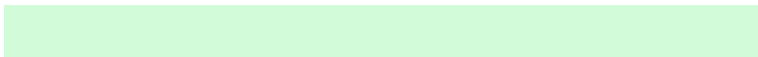
The Sweet Spot groups the original color and five complimentary colors.



75.7602, 84.6250, 103.6094



89.7443, 96.1224, 108.4312



73.2787, 87.5454, 78.4787



19.0548, 20.4605, 23.1949



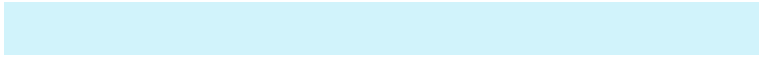
0.0000, 0.0000, 0.0000



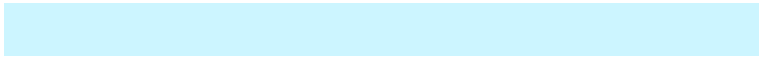
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7602, 84.6250, 103.6094



75.6919, 85.5375, 107.1287



69.9098, 72.9242, 101.6593



17.4685, 19.0138, 22.1346



20.5066, 26.3687, 51.9824



1.9691, 2.5818, 4.8377

Inverse Universe

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



78.7638, 72.5831, 94.6566



79.3585, 71.0560, 96.1506



81.7810, 86.0888, 72.6298



17.8430, 17.4646, 21.0289



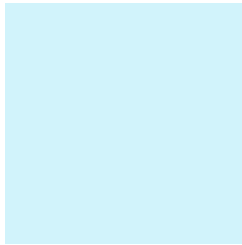
26.6428, 13.0728, 31.1571



2.5028, 1.2249, 3.0712

Previews

White Background



This preview shows how the XYZ color 75.7577, 84.6215, 103.6075 looks on a white background.

Color Contrast Check

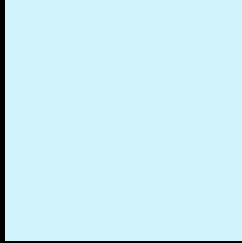
Large Text (above 18pt) WCAG AA × Fail

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 75.7577, 84.6215, 103.6075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

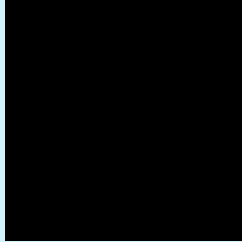
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7577, 84.6215, 103.6075

Background



This preview shows how black text looks on a background with the XYZ color 75.7577, 84.6215, 103.6075.

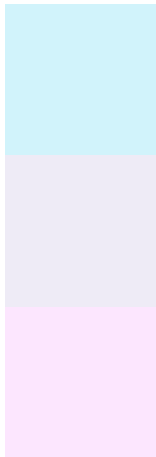


This preview shows how white text looks on a background with the XYZ color 75.7577, 84.6215,

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

75.7577, 84.6215, 103.6075

Protanopia

81.6028, 84.2476, 99.1493

Deuteranopia

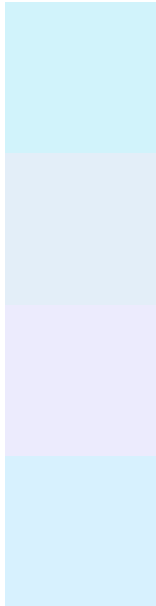
86.3311, 84.4448, 105.5153



Tritanopia

78.1235, 84.4456, 106.7898

Trichromacy



Original Color

75.7577, 84.6215, 103.6075

Protanomaly

79.1964, 84.2573, 100.8961

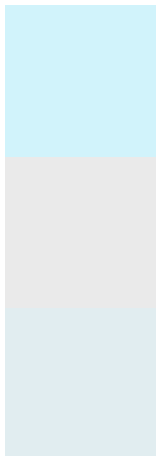
Deuteranomaly

82.0300, 84.3414, 104.8846

Tritanomaly

77.3690, 84.5134, 106.0009

Monochromacy



Original Color

75.7577, 84.6215, 103.6075

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.0637, 82.8672, 94.3714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7577, 84.6215, 103.6075 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, 243, 251)` looks like.

```
.text, #text, p{  
    color:rgb(209, 243, 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, 243, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 243, 251) }
```

Border

The CSS property to change the border of an element to XYZ 75.7577, 84.6215, 103.6075 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, 243, 251) }
```


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

```
.border{ border-color:rgb(209, 243, 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, 243, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 243, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 243, 251);  
box-shadow:4px 4px 4px 4px rgb(209, 243,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7577, 84.6215, 103.6075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 243, 251) }
```

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

```
.background{ background-color: rgb(209,  
243, 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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