

Converting Colors

XYZ(65.8988, 74.5866, 91.1785)

Have a look what the booklet for
XYZ(65.8988, 74.5866, 91.1785)
contains.

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Color

**XYZ(65.8543, 74.6037,
91.0498)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E7ED
RGB	193, 231, 237
RGB Percent	76%, 91%, 93%
CMY	0.2431, 0.0941, 0.0706
CMYK	0.19, 0.03, 0.00, 0.07
HSL	188°, 55%, 84%
HSV	188°, 19%, 93%
XYZ	65.8543, 74.6037, 91.0498
YIQ	220.3220, -24.5740, -6.1900

Conversions

Conversions Part 2

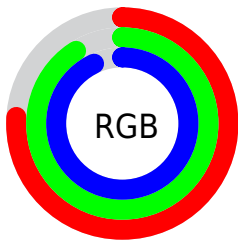
Format	Color
RYB	193, 213, 237
Decimal	12707821
CIELab	89.21, -11.04, -7.03
CIELCh	89, 13.091, 212.495
Yxy	74.6037, 0.2845, 0.3223
Android (android.graphics.Color)	4290897901 (0xFFC1E7ED)
YUV	220.3220, 8.2223, -23.9614
Hunter-Lab	86.3734, -15.0585, -2.0386

Details

The XYZ color **65.8543, 74.6037, 91.0498** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.9748, 62.7017, 59.1317**, and the grayscale version is **68.2108, 71.7631, 78.1500**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **34.3179, 39.4851, 49.5287** is the 20% darker color. If you saturate the color by 10%, you get **59.3948, 69.9458, 90.4924**, and if you desaturate by 10%, it is **73.3030, 79.8002, 91.6614**.

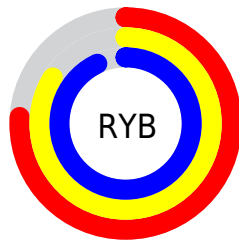
Distribution



Red (76%)

Green (91%)

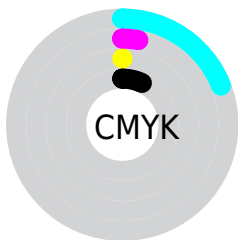
Blue (93%)



Red (76%)

Yellow (84%)

Blue (93%)

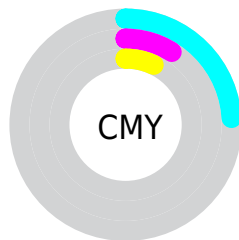


Cyan (19%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8543, 74.6037, 91.0498 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 65.8543, 74.6037, 91.0498 by changing the saturation by 10% instead.

65.8543, 74.6037,
91.0498

65.8543, 74.6037,
91.0498

435.3525,
476.5543, 552.0979

48.4214, 55.2883,
68.2731

112.3361,
125.7512, 150.7440

34.3734, 39.6326,
49.6518

142.1157,
158.3521, 188.4985

23.3448, 27.2522,
34.7676

176.7415,
196.1503, 232.0827

14.9704, 17.7627,
23.2018

216.5790,
239.5302, 281.9152

8.8848, 10.7798,
14.5359

261.9935,
288.8761, 338.4144

4.7226, 5.9189,
8.3513

313.3504,

2.1185, 2.7959,

344.5725, 401.9989

4.2296

371.0149,
407.0038, 473.0872

0.6993, 1.0261,
1.7521

0.0000, 0.0000,
0.3961

65.8543, 74.6037,
91.0498

65.8543, 74.6037,
91.0498

59.3948, 69.9458,
90.4924

73.3030, 79.8002,
91.6614

53.8719, 65.7935,
89.9820

81.7774, 85.5484,
92.3243

49.2379, 62.1239,
89.5179

87.8915, 90.1049,
92.8815

45.4383, 58.9088,
89.0976

88.8546, 92.0311,
93.2026

■ 42.4123, 56.1167,
88.7182

■ 89.8347, 93.9913,
93.5293

■ 40.0910, 53.7121,
88.3764

■ 90.8319, 95.9858,
93.8617

■ 38.3928, 51.6527,
88.0684

■ 91.8464, 98.0147,
94.1999

■ 37.1992, 49.8772,
87.7886

■ 92.2863, 98.8945,
94.3465

■ 37.0458, 49.6335,
87.7497

Harmonies

Analogous

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



64.9489, 74.6037, 81.9987



65.8543, 74.6037, 91.0498



68.1102, 74.6037, 97.8494

Triad

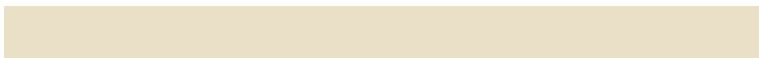
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.8543, 74.6037, 91.0498



76.4959, 74.6037, 89.6265



70.6416, 74.6037, 64.8971

Complementary

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



65.8543, 74.6037, 91.0498



64.9748, 62.7017, 59.1317

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.



73.7825, 74.6037, 66.6091



65.8543, 74.6037, 91.0498



77.2222, 74.6037, 80.4676

Square

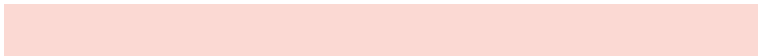
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8543, 74.6037, 91.0498



74.2590, 74.6037, 96.9853



76.2151, 74.6037, 72.1443



67.6605, 74.6037, 67.2820

Rectangle

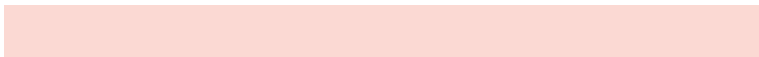
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



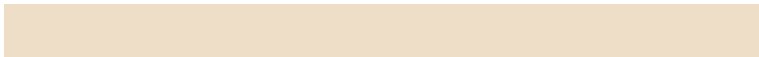
65.8543, 74.6037, 91.0498



70.1095, 74.6037, 99.9441



76.2151, 74.6037, 72.1443



71.7137, 74.6037, 65.0125

Sweetspot

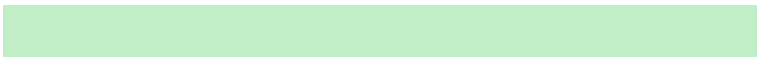
The Sweet Spot groups the original color and five complimentary colors.



65.8565, 74.6068, 91.0515



88.9818, 95.8895, 108.4264



62.5712, 76.0245, 65.3295



18.9102, 20.4316, 23.1970



0.0000, 0.0000, 0.0000



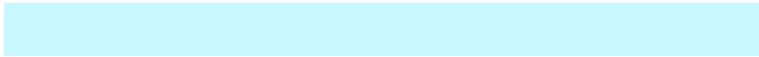
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8565, 74.6068, 91.0515



74.9457, 86.0866, 107.2741



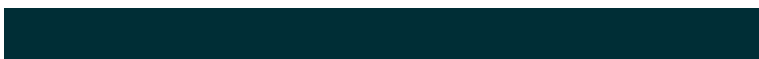
60.1130, 63.1198, 89.1370



15.3324, 16.7513, 19.3475



20.2969, 27.2408, 47.9312



1.6422, 2.2358, 3.7799

Inverse Universe

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



68.4206, 61.9156, 83.9495



78.4836, 68.7981, 97.4251



70.3732, 73.4987, 60.9312



15.6214, 15.2764, 18.5573



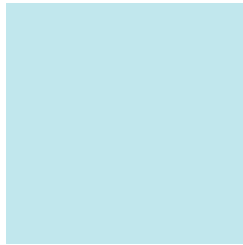
25.1002, 12.2428, 32.6589



1.9954, 0.9711, 2.6931

Previews

White Background



This preview shows how the XYZ color 65.8543, 74.6037, 91.0498 looks on a white background.

Color Contrast Check

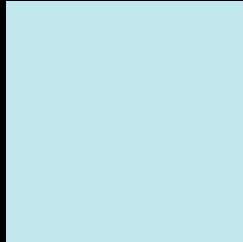
Large Text (above 18pt) WCAG AA × Fail

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 65.8543, 74.6037, 91.0498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

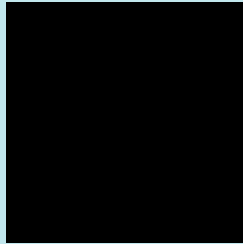
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8543, 74.6037, 91.0498

Background



This preview shows how black text looks on a background with the XYZ color 65.8543, 74.6037, 91.0498.

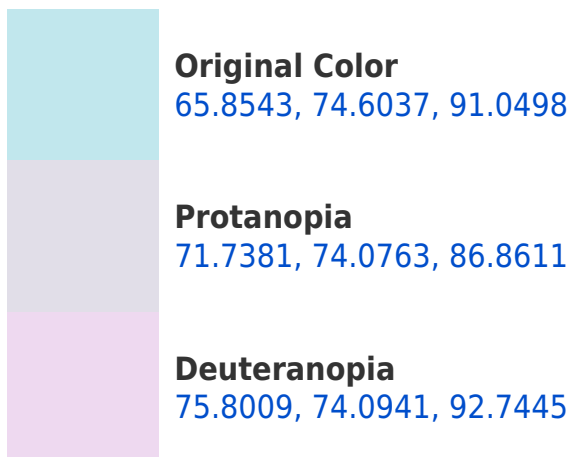


This preview shows how white text looks on a background with the XYZ color 65.8543, 74.6037,

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

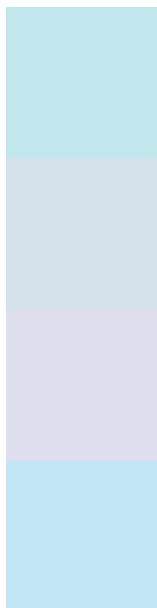




Tritanopia

67.4683, 74.4180, 99.6151

Trichromacy



Original Color

65.8543, 74.6037, 91.0498

Protanomaly

69.2171, 73.9371, 88.4651

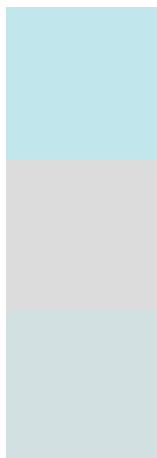
Deuteranomaly

71.8255, 74.0041, 92.1600

Tritanomaly

66.8741, 74.5946, 96.4615

Monochromacy



Original Color

65.8543, 74.6037, 91.0498

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.9615, 72.5039, 82.4169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8543, 74.6037, 91.0498 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(193, 231, 237)` looks like.

```
.text, #text, p{  
    color:rgb(193, 231, 237)  
}
```

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(193, 231, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 231, 237) }
```

Border

The CSS property to change the border of an element to XYZ 65.8543, 74.6037, 91.0498 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(193, 231, 237) }
```


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

```
.border{ border-color:rgb(193, 231, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 231, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 231, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 231, 237);  
box-shadow:4px 4px 4px 4px rgb(193, 231,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8543, 74.6037, 91.0498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 231, 237) }
```

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

```
.background{ background-color: rgb(193,  
231, 237) }
```

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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