

Converting Colors

XYZ(53.5006, 58.0171, 81.7742)

Have a look what the booklet for
XYZ(53.5006, 58.0171, 81.7742)
contains.

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Color

**XYZ(53.5010, 58.0173,
81.7774)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CCE4
RGB	176, 204, 228
RGB Percent	69%, 80%, 89%
CMY	0.3098, 0.2000, 0.1059
CMYK	0.23, 0.11, 0.00, 0.11
HSL	208°, 49%, 79%
HSV	208°, 23%, 89%
XYZ	53.5010, 58.0173, 81.7774
YIQ	198.3640, -24.3920, 1.5280

Conversions

Conversions Part 2

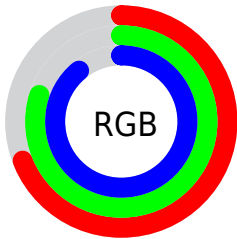
Format	Color
RYB	176, 194, 228
Decimal	11586788
CIELab	80.75, -4.18, -14.99
CIELCh	81, 15.562, 254.409
Yxy	58.0173, 0.2768, 0.3001
Android (android.graphics.Color)	4289776868 (0xFFB0CCE4)
YUV	198.3640, 14.6105, -19.6132
Hunter-Lab	76.1691, -7.9179, -10.3371

Details

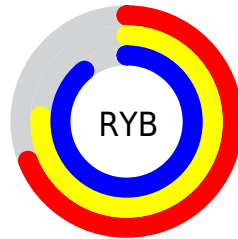
The XYZ color **53.5010, 58.0173, 81.7774** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.4863, 60.9374, 49.6499**, and the grayscale version is **53.8239, 56.6269, 61.6667**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **26.6176, 29.0408, 43.7377** is the 20% darker color. If you saturate the color by 10%, you get **46.3556, 50.7469, 80.7516**, and if you desaturate by 10%, it is **61.6847, 66.0767, 82.9026**.

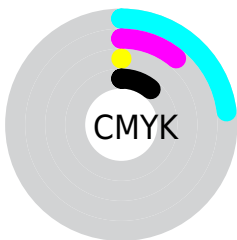
Distribution



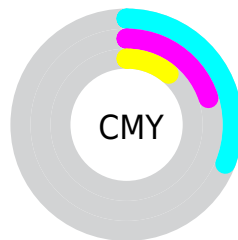
- Red (69%)
- Green (80%)
- Blue (89%)



- Red (69%)
- Yellow (76%)
- Blue (89%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5010, 58.0173, 81.7774 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 53.5010, 58.0173, 81.7774 by changing the saturation by 10% instead.

■ 53.5010, 58.0173,
81.7774

■ 53.5010, 58.0173,
81.7774

390.4338,
417.2504, 520.7667

■ 38.4319, 41.8226,
60.6473

■ 94.5024, 101.9481,
137.6957

■ 26.4968, 28.9624,
43.5119

121.1654,
130.4528, 173.3210

■ 17.3303, 19.0524,
29.9526

152.4238,
163.8298, 214.6151

■ 10.5670, 11.7081,
19.5509

188.6429,
202.4633, 261.9965

■ 5.8416, 6.5453,
11.8882

230.1881,
246.7377, 315.8839

■ 2.7888, 3.1794,
6.5460

277.4248,

■ 1.0431, 1.2261,

297.0374, 376.6956

3.1057

330.7182,
353.7468, 444.8504

■ 0.0000, 0.0829,
1.1489

■ 0.0000, 0.0000,
0.0000

■ 53.5010, 58.0173,
81.7774

■ 53.5010, 58.0173,
81.7774

■ 46.3556, 50.7469,
80.7516

■ 61.6847, 66.0767,
82.9026

■ 40.1968, 44.2296,
79.8183

■ 70.9449, 74.9452,
84.1264

■ 34.9758, 38.4367,
78.9753

■ 81.3241, 84.6508,
85.4527

■ 30.6376, 33.3344,
78.2191

■ 88.2278, 92.8296,
86.6675

■ 27.1205, 28.8857,
77.5458

■ 91.0038, 98.3815,
87.5928

■ 24.3540, 25.0485,
76.9510

■ 22.2535, 21.7735,
76.4295

■ 21.0594, 19.7127,
76.0947

Harmonies

Analogous

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



50.8500, 58.0173, 76.3689



53.5010, 58.0173, 81.7774



56.6943, 58.0173, 81.8896

Triad

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



53.5010, 58.0173, 81.7774



61.3419, 58.0173, 58.8727



50.9354, 58.0173, 51.3635

Complementary

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



53.5010, 58.0173, 81.7774



60.4863, 60.9374, 49.6499

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.



53.6217, 58.0173, 47.5471



53.5010, 58.0173, 81.7774



59.6725, 58.0173, 51.5886

Square

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



53.5010, 58.0173, 81.7774



61.3065, 58.0173, 68.0432



56.8197, 58.0173, 47.6253



49.4084, 58.0173, 58.5371

Rectangle

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



53.5010, 58.0173, 81.7774



58.7065, 58.0173, 78.9097



56.8197, 58.0173, 47.6253



51.7281, 58.0173, 49.6779

Sweetspot

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



53.5028, 58.0197, 81.7787



86.2133, 91.6266, 107.7495



56.0045, 68.8602, 64.6176



18.2972, 19.4626, 23.0422



0.0000, 0.0000, 0.0000



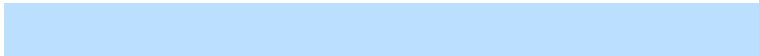
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5028, 58.0197, 81.7787



64.7842, 70.5741, 104.8154



47.9495, 46.9131, 79.9276



14.2225, 15.1664, 18.3221



12.2803, 11.6226, 43.9793



1.0002, 1.0443, 3.2808

Inverse Universe

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



58.4208, 51.9058, 64.0691



72.1803, 61.7810, 78.0925



66.8659, 73.6966, 51.7764



14.6999, 14.4971, 16.6200



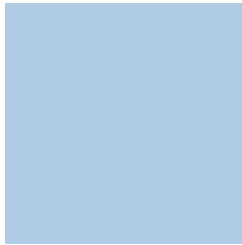
20.5920, 10.3710, 12.0125



1.5685, 0.7851, 1.1341

Previews

White Background



This preview shows how the XYZ color 53.5010, 58.0173, 81.7774 looks on a white background.

Color Contrast Check

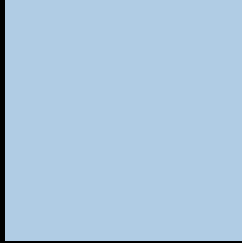
Large Text (above 18pt) WCAG AA × Fail

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 53.5010, 58.0173, 81.7774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

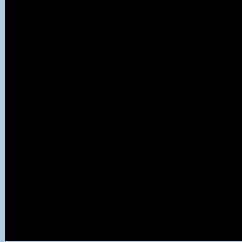
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

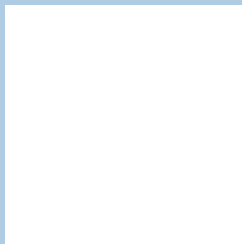
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5010, 58.0173, 81.7774

Background



This preview shows how black text looks on a background with the XYZ color 53.5010, 58.0173, 81.7774.



This preview shows how white text looks on a background with the XYZ color 53.5010, 58.0173,

81.7774.

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

53.5010, 58.0173, 81.7774

Protanopia

56.7790, 58.0189, 79.4403

Deuteranopia

58.9749, 57.7225, 82.8962



Tritanopia

52.5617, 57.9971, 76.8309

Trichromacy



Original Color

53.5010, 58.0173, 81.7774

Protanomaly

55.6004, 58.0831, 80.2322

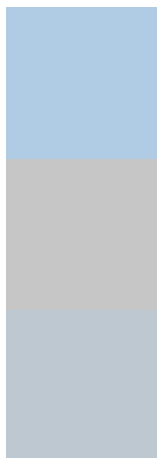
Deuteranomaly

56.5851, 57.5146, 82.2478

Tritanomaly

52.9651, 58.1584, 78.9551

Monochromacy



Original Color

53.5010, 58.0173, 81.7774

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.3981, 56.8592, 68.4821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5010, 58.0173, 81.7774 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(176, 204, 228)` looks like.

```
.text, #text, p{  
    color:rgb(176, 204, 228)  
}
```

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(176, 204, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 204, 228) }
```

Border

The CSS property to change the border of an element to XYZ 53.5010, 58.0173, 81.7774 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(176, 204, 228) }
```


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

```
.border{ border-color:rgb(176, 204, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 204, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 204, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 204, 228);  
box-shadow:4px 4px 4px 4px rgb(176, 204,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5010, 58.0173, 81.7774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 204, 228) }
```

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

```
.background{ background-color: rgb(176,  
204, 228) }
```

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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