

Converting Colors

XYZ(51.4607, 57.7053, 63.0589)

Have a look what the booklet for
XYZ(51.4607, 57.7053, 63.0589)
contains.

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Color

**XYZ(51.5481, 57.7779,
63.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CDC8
RGB	182, 205, 200
RGB Percent	71%, 80%, 78%
CMY	0.2863, 0.1961, 0.2157
CMYK	0.11, 0.00, 0.02, 0.20
HSL	167°, 19%, 76%
HSV	167°, 11%, 80%
XYZ	51.5481, 57.7779, 63.0790
YIQ	197.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

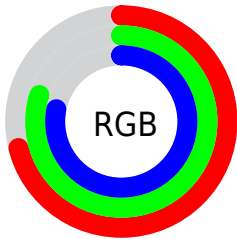
Format	Color
RYB	182, 195, 205
Decimal	11980232
CIELab	80.62, -8.69, -0.15
CIELCh	81, 8.695, 180.980
Yxy	57.7779, 0.2990, 0.3351
Android (android.graphics.Color)	4290170312 (0xFFB6CDC8)
YUV	197.5530, 1.2064, -13.6400
Hunter-Lab	76.0118, -11.9692, 4.0059

Details

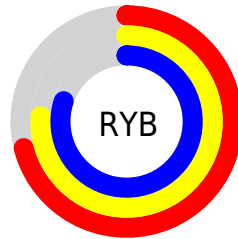
The XYZ color **51.5481, 57.7779, 63.0790** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8766, 50.0245, 53.9906**, and the grayscale version is **53.4049, 56.1861, 61.1867**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **25.3082, 28.8757, 31.4338** is the 20% darker color. If you saturate the color by 10%, you get **46.5434, 55.2588, 60.1650**, and if you desaturate by 10%, it is **57.2801, 60.6733, 66.1088**.

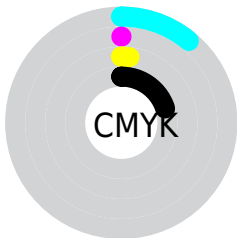
Distribution



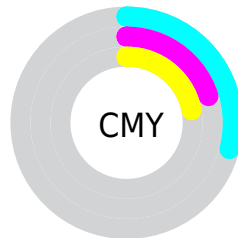
- Red (71%)
- Green (80%)
- Blue (78%)



- Red (71%)
- Yellow (76%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5481, 57.7779, 63.0790 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 51.5481, 57.7779, 63.0790 by changing the saturation by 10% instead.

■ 51.5481, 57.7779,
63.0790

■ 51.5481, 57.7779,
63.0790

383.0422,
416.3578, 453.9720

■ 36.8678, 41.6301,
45.4637

■ 91.6426, 101.5994,
110.8702

■ 25.2784, 28.8118,
31.4772

117.7876,
130.0418, 141.8831

■ 16.4144, 18.9385,
20.7010

148.4848,
163.3513, 178.1990

■ 9.9106, 11.6258,
12.7165

184.0996,
201.9122, 220.2364

■ 5.4015, 6.4894,
7.1052

224.9974,
246.1089, 268.4139

■ 2.5219, 3.1449,
3.4485

271.5435,

■ 0.9063, 1.2078,

296.3258, 323.1499

1.3280

324.1033,
352.9473, 384.8631

■ 0.0000, 0.0681,
0.0846

■ 0.0000, 0.0000,
0.0000

■ 51.5481, 57.7779,
63.0790

■ 51.5481, 57.7779,
63.0790

■ 46.5434, 55.2588,
60.1650

■ 57.2801, 60.6733,
66.1088

■ 42.2303, 53.0929,
57.3609

■ 63.7633, 63.9527,
69.2525

■ 38.5773, 51.2656,
54.6656

■ 71.0267, 67.6325,
72.5134

■ 35.5487, 49.7584,
52.0769

■ 75.7059, 69.9782,
75.7347

■ 33.1051, 48.5512,
49.5922

■ 76.2969, 70.2146,
78.8465

■ 31.2029, 47.6214,
47.2088

■ 76.9036, 70.4573,
82.0417

■ 29.7920, 46.9431,
44.9236

■ 77.5263, 70.7064,
85.3207

■ 28.8126, 46.4857,
42.7331

■ 78.1651, 70.9619,
88.6843

■ 28.2141, 46.2175,
40.8830

■ 78.8200, 71.2239,
92.1331

Harmonies

Analogous

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



51.9627, 57.7779, 58.2512



51.5481, 57.7779, 63.0790



52.0195, 57.7779, 68.1188

Triad

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



51.5481, 57.7779, 63.0790



56.7059, 57.7779, 71.7401



56.6018, 57.7779, 54.6829

Complementary

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



51.5481, 57.7779, 63.0790



50.8766, 50.0245, 53.9906

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.



57.9184, 57.7779, 57.9743



51.5481, 57.7779, 63.0790



57.9794, 57.7779, 67.8114

Square

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



51.5481, 57.7779, 63.0790



54.9750, 57.7779, 73.2834



58.4278, 57.7779, 62.7419



54.8573, 57.7779, 53.5654

Rectangle

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



51.5481, 57.7779, 63.0790



52.7788, 57.7779, 70.8788



58.4278, 57.7779, 62.7419



57.1105, 57.7779, 55.5626

Sweetspot

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



51.5497, 57.7803, 63.0803



92.0246, 98.4711, 107.3661



50.8600, 57.6537, 52.7046



19.5281, 20.9915, 22.8937



0.0000, 0.0000, 0.0000



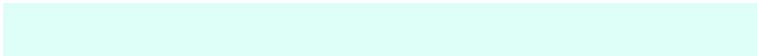
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5497, 57.7803, 63.0803



82.7490, 93.7902, 102.3782



50.7055, 55.1406, 65.7312



11.4347, 12.6836, 13.8467



17.6000, 28.7853, 25.6422



0.9346, 1.4957, 1.4631

Inverse Universe

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



50.8766, 50.0245, 53.9906



81.4727, 79.0834, 85.1432



51.6340, 52.3818, 51.6462



11.3105, 11.2529, 12.1699



15.9927, 8.2077, 2.4144



0.8542, 0.4351, 0.2779

Previews

White Background



This preview shows how the XYZ color 51.5481, 57.7779, 63.0790 looks on a white background.

Color Contrast Check

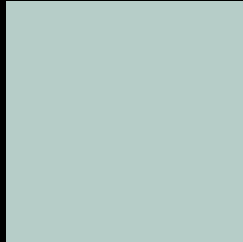
Large Text (above 18pt) WCAG AA × Fail

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 51.5481, 57.7779, 63.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

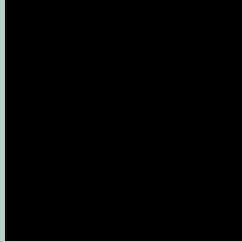
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5481, 57.7779, 63.0790

Background



This preview shows how black text looks on a background with the XYZ color 51.5481, 57.7779, 63.0790.



This preview shows how white text looks on a background with the XYZ color 51.5481, 57.7779,

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

51.5481, 57.7779, 63.0790

Protanopia

55.2891, 57.6697, 60.4419

Deuteranopia

58.6441, 57.3096, 63.8481



Tritanopia

53.7830, 57.6173, 74.6163

Trichromacy



Original Color

51.5481, 57.7779, 63.0790

Protanomaly

53.7296, 57.5403, 61.0979

Deuteranomaly

55.6857, 57.1287, 63.3503

Tritanomaly

52.8810, 57.6054, 69.9598

Monochromacy



Original Color

51.5481, 57.7779, 63.0790

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.9337, 57.1033, 62.2650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5481, 57.7779, 63.0790 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(182, 205, 200)` looks like.

```
.text, #text, p{  
    color:rgb(182, 205, 200)  
}
```

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(182, 205, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 205, 200) }
```

Border

The CSS property to change the border of an element to XYZ 51.5481, 57.7779, 63.0790 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(182, 205, 200) }
```


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

```
.border{ border-color:rgb(182, 205, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 205, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 205, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 205, 200);  
box-shadow:4px 4px 4px 4px rgb(182, 205,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5481, 57.7779, 63.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 205, 200) }
```

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

```
.background{ background-color: rgb(182,  
205, 200) }
```

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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