

Converting Colors

XYZ(51.4417, 57.5839, 64.1096)

Have a look what the booklet for
XYZ(51.4417, 57.5839, 64.1096)
contains.

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Color

**XYZ(51.5480, 57.7507,
64.3072)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CDCA
RGB	181, 205, 202
RGB Percent	71%, 80%, 79%
CMY	0.2902, 0.1961, 0.2078
CMYK	0.12, 0.00, 0.01, 0.20
HSL	172°, 19%, 76%
HSV	172°, 12%, 80%
XYZ	51.5480, 57.7507, 64.3072
YIQ	197.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

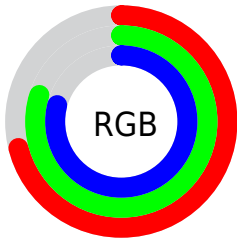
Format	Color
R _Y B	181, 194, 205
Decimal	11914698
CIE Lab	80.60, -8.63, -1.25
CIE LCh	81, 8.719, 188.243
Yxy	57.7507, 0.2969, 0.3327
Android (android.graphics.Color)	4290104778 (0xFFB5CDCA)
YUV	197.4820, 2.2274, -14.4547
Hunter-Lab	75.9939, -11.9096, 3.0236

Details

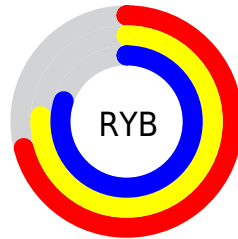
The XYZ color **51.5480, 57.7507, 64.3072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3545, 49.4890, 52.2483**, and the grayscale version is **53.3564, 56.1351, 61.1311**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **25.3140, 28.8605, 32.2534** is the 20% darker color. If you saturate the color by 10%, you get **46.7896, 55.3340, 62.5133**, and if you desaturate by 10%, it is **57.0221, 60.5389, 66.1633**.

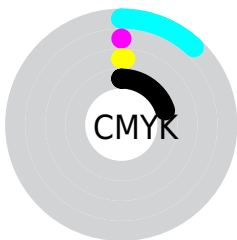
Distribution



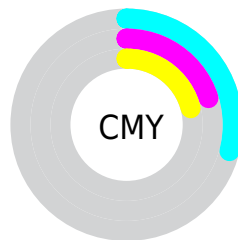
- Red (71%)
- Green (80%)
- Blue (79%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5480, 57.7507, 64.3072 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 51.5480, 57.7507, 64.3072 by changing the saturation by 10% instead.

■ 51.5480, 57.7507,
64.3072

■ 51.5480, 57.7507,
64.3072

383.0418,
416.2563, 458.5360

■ 36.8677, 41.6083,
46.4518

■ 91.6425, 101.5597,
112.6570

■ 25.2783, 28.7947,
32.2512

117.7874,
129.9951, 143.9884

■ 16.4144, 18.9255,
21.2871

148.4846,
163.2969, 180.6488

■ 9.9105, 11.6165,
13.1407

184.0994,
201.8496, 223.0569

■ 5.4015, 6.4831,
7.3936

224.9971,
246.0374, 271.6311

■ 2.5219, 3.1410,
3.6273

271.5432,

■ 0.9063, 1.2058,

296.2449, 326.7900

1.4232

324.1030,
352.8564, 388.9521

■ 0.0000, 0.0664,
0.1597

■ 0.0000, 0.0000,
0.0000

■ 51.5480, 57.7507,
64.3072

■ 51.5480, 57.7507,
64.3072

■ 46.7896, 55.3340,
62.5133

■ 57.0221, 60.5389,
66.1633

■ 42.7110, 53.2657,
60.7763

■ 63.2359, 63.7062,
68.0794

■ 39.2811, 51.5311,
59.0957

■ 70.2183, 67.2692,
70.0580

■ 36.4638, 50.1118,
57.4698

■ 74.9891, 69.6915,
71.9598

■ 34.2198, 48.9875,
55.8966

■ 75.3159, 69.8222,
73.6805

■ 32.5054, 48.1356,
54.3738

■ 75.6478, 69.9550,
75.4284

■ 31.2700, 47.5301,
52.8991

■ 75.9849, 70.0899,
77.2037

■ 30.4535, 47.1400,
51.4694

■ 76.3272, 70.2268,
79.0064

■ 30.0050, 46.9339,
50.3139

■ 76.6748, 70.3658,
80.8366

Harmonies

Analogous

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



51.7497, 57.7507, 59.2908



51.5480, 57.7507, 64.3072



52.2264, 57.7507, 69.1937

Triad

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



51.5480, 57.7507, 64.3072



57.0525, 57.7507, 70.9599



56.1784, 57.7507, 54.1476

Complementary

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



51.5480, 57.7507, 64.3072



50.3545, 49.4890, 52.2483

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.



57.6432, 57.7507, 56.9638



51.5480, 57.7507, 64.3072



58.1555, 57.7507, 66.6126

Square

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



51.5480, 57.7507, 64.3072



55.3862, 57.7507, 73.1690



58.3741, 57.7507, 61.4754



54.3974, 57.7507, 53.6050

Rectangle

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



51.5480, 57.7507, 64.3072



53.0954, 57.7507, 71.6568



58.3741, 57.7507, 61.4754



56.7252, 57.7507, 54.8521

Sweetspot

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



51.5496, 57.7531, 64.3085



91.1916, 98.0346, 107.6504



49.9886, 57.2164, 52.1260



19.3682, 20.9068, 22.9917



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.



51.5496, 57.7531, 64.3085



82.4028, 93.5623, 104.5977



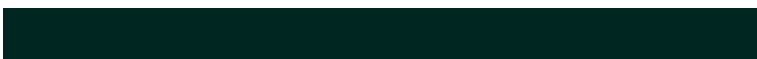
49.8622, 53.8036, 65.5177



11.4805, 12.7019, 14.0877



18.7025, 29.2263, 31.4483



0.9822, 1.5147, 1.7138

Inverse Universe

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



50.3545, 49.4890, 52.2483



80.0728, 77.4489, 81.0841



51.8895, 53.0575, 51.2231



11.2685, 11.2361, 11.9485



15.8065, 8.1332, 1.4336



0.8348, 0.4273, 0.1759

Previews

White Background



This preview shows how the XYZ color 51.5480, 57.7507, 64.3072 looks on a white background.

Color Contrast Check

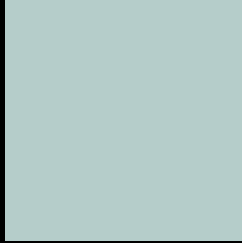
Large Text (above 18pt) WCAG AA × Fail

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 51.5480, 57.7507, 64.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

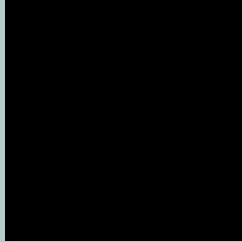
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

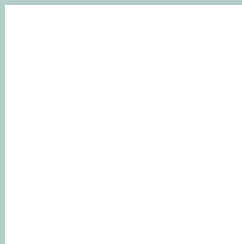
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5480, 57.7507, 64.3072

Background



This preview shows how black text looks on a background with the XYZ color 51.5480, 57.7507, 64.3072.

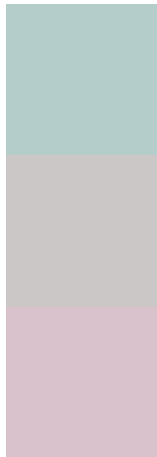


This preview shows how white text looks on a background with the XYZ color 51.5480, 57.7507,

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

51.5480, 57.7507, 64.3072

Protanopia

55.2451, 57.6206, 61.6362

Deuteranopia

58.8061, 57.6949, 65.1636



Tritanopia

53.6739, 57.5459, 75.2964

Trichromacy



Original Color

51.5480, 57.7507, 64.3072

Protanomaly

53.7011, 57.4989, 62.3009

Deuteranomaly

55.8754, 57.5373, 64.6608

Tritanomaly

52.8946, 57.5832, 71.2776

Monochromacy



Original Color

51.5480, 57.7507, 64.3072

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4489, 56.5084, 62.1757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5480, 57.7507, 64.3072 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(181, 205, 202)` looks like.

```
.text, #text, p{  
    color:rgb(181, 205, 202)  
}
```

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(181, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 205, 202) }
```

Border

The CSS property to change the border of an element to XYZ 51.5480, 57.7507, 64.3072 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(181, 205, 202) }
```


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

```
.border{ border-color:rgb(181, 205, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 205, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(181, 205,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5480, 57.7507, 64.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 205, 202) }
```

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

```
.background{ background-color: rgb(181,  
205, 202) }
```

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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