

Converting Colors

XYZ(51.3285, 57.3550, 61.1011)

Have a look what the booklet for
XYZ(51.3285, 57.3550, 61.1011)
contains.

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Color

**XYZ(51.4381, 57.4073,
61.1930)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CCC5
RGB	184, 204, 197
RGB Percent	72%, 80%, 77%
CMY	0.2784, 0.2000, 0.2274
CMYK	0.10, 0.00, 0.03, 0.20
HSL	159°, 16%, 76%
HSV	159°, 10%, 80%
XYZ	51.4381, 57.4073, 61.1930
YIQ	197.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

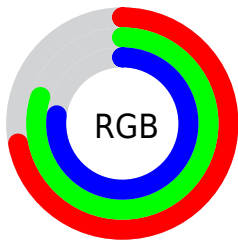
Format	Color
RYB	184, 196, 204
Decimal	12111045
CIELab	80.41, -8.09, 1.17
CIElCh	80, 8.176, 171.753
Yxy	57.4073, 0.3025, 0.3376
Android (android.graphics.Color)	4290301125 (0xFFB8CCC5)
YUV	197.2220, -0.1094, -11.5957
Hunter-Lab	75.7676, -11.4109, 5.1523

Details

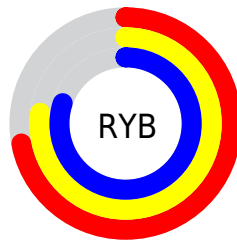
The XYZ color **51.4381, 57.4073, 61.1930** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4484, 50.8815, 56.4024**, and the grayscale version is **53.2112, 55.9823, 60.9648**.

A 20% lighter version of the original color is **89.5846, 97.2010, 107.8060**, and **25.2243, 28.6212, 30.1816** is the 20% darker color. If you saturate the color by 10%, you get **46.1005, 54.7496, 56.7726**, and if you desaturate by 10%, it is **57.5225, 60.4487, 65.8532**.

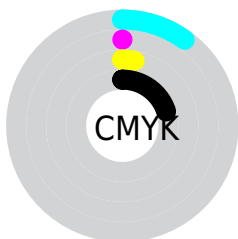
Distribution



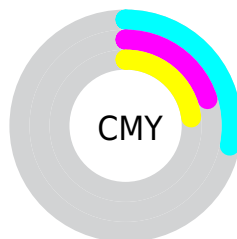
- Red (72%)
- Green (80%)
- Blue (77%)



- Red (72%)
- Yellow (77%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4381, 57.4073, 61.1930 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 51.4381, 57.4073, 61.1930 by changing the saturation by 10% instead.

■ 51.4381, 57.4073,
61.1930

■ 51.4381, 57.4073,
61.1930

382.6232,
414.9738, 446.9074

■ 36.7798, 41.3323,
43.9494

■ 91.4812, 101.0592,
108.1186

■ 25.2100, 28.5789,
30.2938

117.5967,
129.4050, 138.6376

■ 16.3631, 18.7625,
19.8078

148.2620,
162.6099, 174.4189

■ 9.8739, 11.4988,
12.0727

183.8425,
201.0582, 215.8809

■ 5.3771, 6.4034,
6.6701

224.7035,
245.1343, 263.4422

■ 2.5072, 3.0919,
3.1813

271.2104,

■ 0.8989, 1.1799,

295.2227, 317.5214

1.1880

323.7285,
351.7077, 378.5370

■ 0.0000, 0.0452,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.4381, 57.4073,
61.1930

■ 51.4381, 57.4073,
61.1930

■ 46.1005, 54.7496,
56.7726

■ 57.5225, 60.4487,
65.8532

■ 41.4742, 52.4526,
52.5840

■ 64.3775, 63.8812,
70.7534

■ 37.5283, 50.5019,
48.6241

■ 72.0320, 67.7213,
75.8988

■ 34.2271, 48.8794,
44.8882

■ 76.5025, 69.9153,
81.1056

■ 31.5323, 47.5652,
41.3718

■ 77.5009, 70.3147,
86.3630

■ 29.4006, 46.5371,
38.0697

■ 78.5405, 70.7305,
91.8377

■ 27.7833, 45.7702,
34.9765

■ 79.6220, 71.1631,
97.5325

■ 26.6225, 45.2346,
32.0864

■ 80.7456, 71.6126,
103.4496

■ 25.8134, 44.8762,
29.3912

■ 80.8839, 71.6679,
104.1780

Harmonies

Analogous

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



52.0734, 57.4073, 56.9687



51.4381, 57.4073, 61.1930



51.6268, 57.4073, 65.9880

Triad

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



51.4381, 57.4073, 61.1930



55.7663, 57.4073, 71.4714



56.5821, 57.4073, 55.5389

Complementary

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



51.4381, 57.4073, 61.1930



51.4484, 50.8815, 56.4024

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.



57.6104, 57.4073, 59.1502



51.4381, 57.4073, 61.1930



57.1326, 57.4073, 68.3926

Square

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



51.4381, 57.4073, 61.1930



54.1032, 57.4073, 72.0871



57.8139, 57.4073, 63.8393



55.0272, 57.4073, 53.8153

Rectangle

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



51.4381, 57.4073, 61.1930



52.1962, 57.4073, 68.8527



57.8139, 57.4073, 63.8393



57.0021, 57.4073, 56.5633

Sweetspot

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



51.4397, 57.4097, 61.1943



91.8631, 98.4065, 106.5157



51.8163, 57.7686, 53.7678



19.4844, 20.9741, 22.6637



0.0000, 0.0000, 0.0000



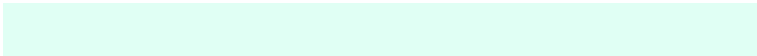
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4397, 57.4097, 61.1943



82.9974, 93.9804, 99.5822



51.6326, 56.4812, 65.3102



11.3700, 12.6577, 13.5057



16.2828, 28.2584, 18.7059



0.8751, 1.4718, 1.1497

Inverse Universe

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



51.4484, 50.8815, 56.4024



83.0150, 80.7913, 89.9018



51.2551, 51.6990, 52.6258



11.3718, 11.2775, 12.4925



16.4380, 8.3858, 4.7591



0.8838, 0.4469, 0.4338

Previews

White Background



This preview shows how the XYZ color 51.4381, 57.4073, 61.1930 looks on a white background.

Color Contrast Check

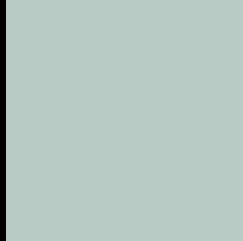
Large Text (above 18pt) WCAG AA × Fail

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 51.4381, 57.4073, 61.1930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

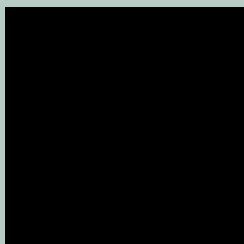
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

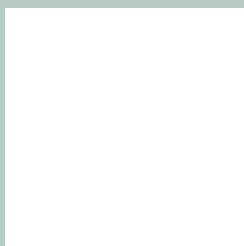
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4381, 57.4073, 61.1930

Background



This preview shows how black text looks on a background with the XYZ color 51.4381, 57.4073, 61.1930.

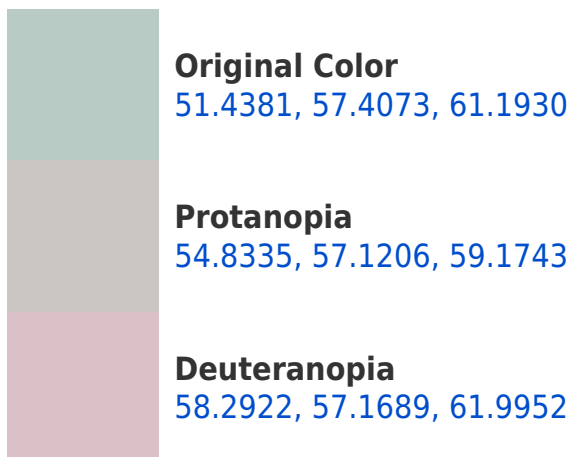


This preview shows how white text looks on a background with the XYZ color 51.4381, 57.4073,

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

53.9045, 57.3478, 73.8738

Trichromacy



Original Color

51.4381, 57.4073, 61.1930

Protanomaly

53.5306, 57.1190, 59.8335

Deuteranomaly

55.6129, 57.1315, 61.5225

Tritanomaly

53.0031, 57.3333, 69.2456

Monochromacy



Original Color

51.4381, 57.4073, 61.1930

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4705, 56.5462, 60.9723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4381, 57.4073, 61.1930 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(184, 204, 197)` looks like.

```
.text, #text, p{  
    color:rgb(184, 204, 197)  
}
```

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(184, 204, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.4381, 57.4073, 61.1930 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(184, 204, 197) }
```


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

```
.border{ border-color:rgb(184, 204, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 204, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 204, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 204, 197); box-shadow:4px 4px 4px 4px rgb(184, 204, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4381, 57.4073, 61.1930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 204, 197) }
```

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

```
.background{ background-color: rgb(184,  
204, 197) }
```

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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