

Converting Colors

XYZ(51.1080, 60.6139, 57.1449)

Have a look what the booklet for
XYZ(51.1080, 60.6139, 57.1449)
contains.

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Color

**XYZ(51.1110, 60.6097,
57.1491)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D5BD
RGB	177, 213, 189
RGB Percent	69%, 84%, 74%
CMY	0.3059, 0.1647, 0.2588
CMYK	0.17, 0.00, 0.11, 0.16
HSL	140°, 30%, 76%
HSV	140°, 17%, 84%
XYZ	51.1110, 60.6097, 57.1491
YIQ	199.5000, -13.7520, -15.0960

Conversions

Conversions Part 2

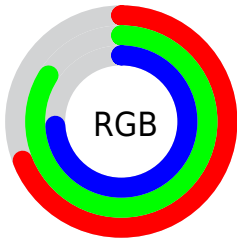
Format	Color
RYB	177, 204, 213
Decimal	11654589
CIELab	82.17, -16.55, 7.93
CIELCh	82, 18.346, 154.401
Yxy	60.6097, 0.3027, 0.3589
Android (android.graphics.Color)	4289844669 (0xFFB1D5BD)
YUV	199.5000, -5.1765, -19.7325
Hunter-Lab	77.8522, -19.0538, 10.9735

Details

The XYZ color **51.1110, 60.6097, 57.1491** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.7075, 49.8089, 62.0444**, and the grayscale version is **54.6306, 57.4756, 62.5909**.

A 20% lighter version of the original color is **85.8457, 95.4362, 100.2827**, and **24.9830, 30.5164, 27.8661** is the 20% darker color. If you saturate the color by 10%, you get **45.1662, 57.7162, 49.2148**, and if you desaturate by 10%, it is **57.9674, 63.9591, 65.9166**.

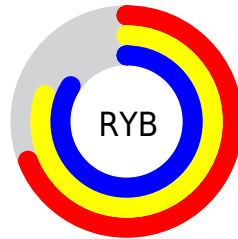
Distribution



Red (69%)

Green (84%)

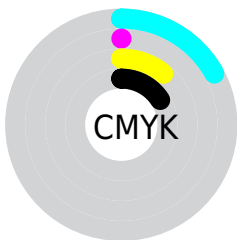
Blue (74%)



Red (69%)

Yellow (80%)

Blue (84%)

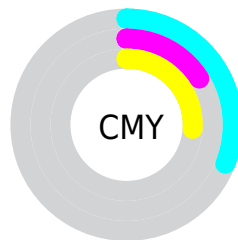


Cyan (17%)

Magenta (0%)

Yellow (11%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1110, 60.6097, 57.1491 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 51.1110, 60.6097, 57.1491 by changing the saturation by 10% instead.

■ 51.1110, 60.6097,
57.1491

■ 51.1110, 60.6097,
57.1491

381.3755,
426.8415, 431.5172

■ 36.5184, 43.9103,
40.7148

■ 91.0008, 105.7136,
102.1852

■ 25.0068, 30.6000,
27.7783

117.0288,
134.8869, 131.6241

■ 16.2108, 20.2944,
17.9210

147.5991,
168.9868, 166.2349

■ 9.7653, 12.6092,
10.7244

183.0773,
208.3980, 206.4362

■ 5.3047, 7.1600,
5.7700

223.8287,
253.5046, 252.6466

■ 2.4637, 3.5624,
2.6392

270.2186,

■ 0.8770, 1.4319,

304.6911, 305.2845

0.9126

322.6124,
362.3419, 364.7685

■ 0.0000, 0.2401,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.1110, 60.6097,
57.1491

■ 51.1110, 60.6097,
57.1491

■ 45.1662, 57.7162,
49.2148

■ 57.9674, 63.9591,
65.9166

■ 40.0887, 55.2512,
42.0852

■ 65.7673, 67.7752,
75.5366

■ 35.8377, 53.1959,
35.7362

■ 74.5472, 72.0782,
86.0328

■ 32.3675, 51.5272,
30.1408

■ 81.6400, 75.4926,
97.3005

■ 29.6272, 50.2195,
25.2706

■ 83.0854, 76.0708,
104.9118

■ 27.5600, 49.2440,
21.0951

■ 26.0998, 48.5675,
17.5818

■ 25.1615, 48.1468,
14.6948

■ 24.9326, 48.0457,
13.9203

Harmonies

Analogous

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



53.4772, 60.6097, 49.8237



51.1110, 60.6097, 57.1491



50.4551, 60.6097, 67.6540

Triad

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



51.1110, 60.6097, 57.1491



58.1846, 60.6097, 89.7854



64.0140, 60.6097, 54.5969

Complementary

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



51.1110, 60.6097, 57.1491



53.7075, 49.8089, 62.0444

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.



65.4062, 60.6097, 64.3607



51.1110, 60.6097, 57.1491



61.9456, 60.6097, 85.3307

Square

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



51.1110, 60.6097, 57.1491



54.4305, 60.6097, 87.3000



64.6328, 60.6097, 75.7067



60.9062, 60.6097, 48.4709

Rectangle

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



51.1110, 60.6097, 57.1491



51.0499, 60.6097, 75.2618



64.6328, 60.6097, 75.7067



64.7044, 60.6097, 57.5194

Sweetspot

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



51.1127, 60.6123, 57.1504



89.1752, 97.1261, 101.6386



55.9813, 63.2665, 50.8569



18.9167, 20.7056, 21.5421



0.0000, 0.0000, 0.0000



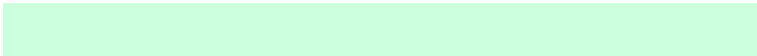
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1127, 60.6123, 57.1504



73.7128, 89.5778, 81.8109



53.1169, 61.4140, 67.7047



12.4314, 13.9636, 14.0864



15.2718, 29.3640, 8.7267



0.9590, 1.7863, 0.7259

Inverse Universe

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



53.7075, 49.8089, 62.0444



78.2657, 70.6189, 90.3956



51.7744, 49.0357, 51.8650



12.7689, 12.5590, 14.7231



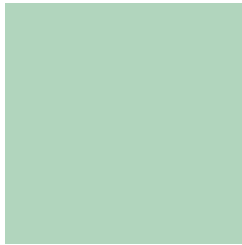
19.7937, 9.8538, 16.7497



1.2315, 0.6094, 1.2087

Previews

White Background



This preview shows how the XYZ color 51.1110, 60.6097, 57.1491 looks on a white background.

Color Contrast Check

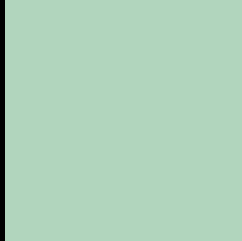
Large Text (above 18pt) WCAG AA × Fail

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 51.1110, 60.6097, 57.1491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

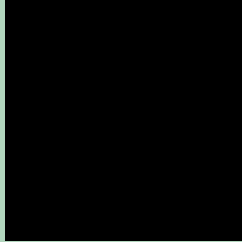
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

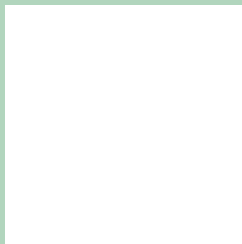
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1110, 60.6097, 57.1491

Background



This preview shows how black text looks on a background with the XYZ color 51.1110, 60.6097, 57.1491.

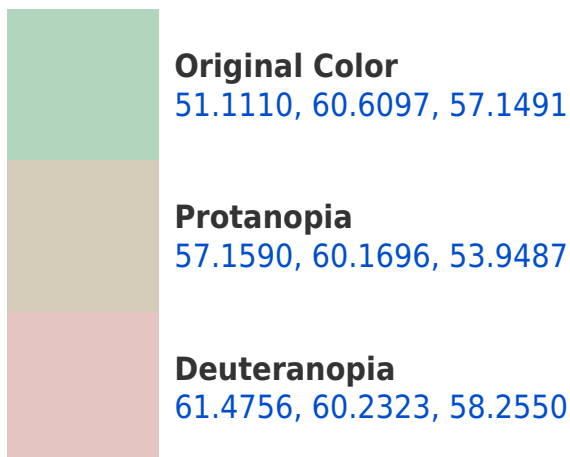


This preview shows how white text looks on a background with the XYZ color 51.1110, 60.6097,

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

55.5389, 60.5608, 79.2832

Trichromacy



Original Color

51.1110, 60.6097, 57.1491

Protanomaly

54.7289, 60.3129, 55.2114

Deuteranomaly

57.0544, 60.0288, 57.8698

Tritanomaly

53.8605, 60.6201, 70.4901

Monochromacy



Original Color

51.1110, 60.6097, 57.1491

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.5334, 58.8546, 60.7631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1110, 60.6097, 57.1491 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(177, 213, 189)` looks like.

```
.text, #text, p{  
    color:rgb(177, 213, 189)  
}
```

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(177, 213, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 213, 189) }
```

Border

The CSS property to change the border of an element to XYZ 51.1110, 60.6097, 57.1491 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(177, 213, 189) }
```


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

```
.border{ border-color:rgb(177, 213, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 213, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 213, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 213, 189);  
box-shadow:4px 4px 4px 4px rgb(177, 213,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1110, 60.6097, 57.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 213, 189) }
```

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

```
.background{ background-color: rgb(177,  
213, 189) }
```

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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