

Converting Colors

XYZ(51.6397, 58.8085, 56.7797)

Have a look what the booklet for
XYZ(51.6397, 58.8085, 56.7797)
contains.

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Color

**XYZ(51.5057, 58.6141,
56.7431)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CFBD
RGB	185, 207, 189
RGB Percent	73%, 81%, 74%
CMY	0.2745, 0.1882, 0.2588
CMYK	0.11, 0.00, 0.09, 0.19
HSL	131°, 19%, 77%
HSV	131°, 11%, 81%
XYZ	51.5057, 58.6141, 56.7431
YIQ	198.3700, -7.3340, -10.2620

Conversions

Conversions Part 2

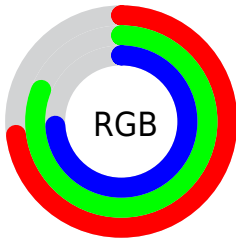
Format	Color
R _{YB}	185, 204, 207
Decimal	12177341
CIE Lab	81.08, -10.81, 6.43
CIE LCh	81, 12.574, 149.238
Yxy	58.6141, 0.3087, 0.3513
Android (android.graphics.Color)	4290367421 (0xFFB9CFBD)
YUV	198.3700, -4.6194, -11.7255
Hunter-Lab	76.5598, -13.8937, 9.6485

Details

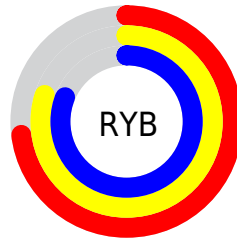
The XYZ color **51.5057, 58.6141, 56.7431** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8627, 52.2765, 63.7542**, and the grayscale version is **53.9334, 56.7421, 61.7922**.

A 20% lighter version of the original color is **88.5171, 96.8133, 100.4077**, and **25.3509, 29.4656, 27.6438** is the 20% darker color. If you saturate the color by 10%, you get **45.1386, 55.5336, 47.4022**, and if you desaturate by 10%, it is **58.8179, 62.1604, 67.2515**.

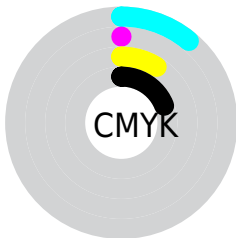
Distribution



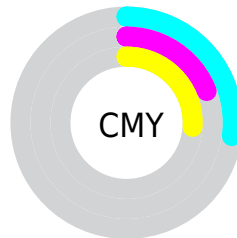
- Red (73%)
- Green (81%)
- Blue (74%)



- Red (73%)
- Yellow (80%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5057, 58.6141, 56.7431 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 51.5057, 58.6141, 56.7431 by changing the saturation by 10% instead.

■ 51.5057, 58.6141,
56.7431

■ 51.5057, 58.6141,
56.7431

382.8807,
419.4703, 429.9527

■ 36.8339, 42.3025,
40.3910

■ 91.5804, 102.8166,
101.5868

■ 25.2520, 29.3383,
27.5275

117.7140,
131.4763, 130.9156

■ 16.3946, 19.3369,
17.7338

148.3989,
165.0209, 165.4070

■ 9.8965, 11.9139,
10.5916

184.0005,
203.8347, 205.4796

■ 5.3921, 6.6851,
5.6822

224.8841,
248.3022, 251.5520

■ 2.5162, 3.2660,
2.5872

271.4151,

■ 0.9034, 1.2721,

298.8077, 304.0426

0.8858

323.9589,
355.7356, 363.3700

■ 0.0000, 0.1195,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.5057, 58.6141,
56.7431

■ 51.5057, 58.6141,
56.7431

■ 45.1386, 55.5336,
47.4022

■ 58.8179, 62.1604,
67.2515

■ 39.6730, 52.8922,
39.1847

■ 67.1068, 66.1828,
78.9618

■ 35.0693, 50.6720,
32.0494

■ 76.4083, 70.7009,
91.9117

■ 31.2828, 48.8511,
25.9512

■ 81.6040, 73.1080,
104.4180

■ 28.2650, 47.4053,
20.8415

■ 25.9619, 46.3080,
16.6683

■ 24.3124, 45.5289,
13.3744

■ 23.2447, 45.0322,
10.8964

■ 22.6580, 44.7656,
9.2494

Harmonies

Analogous

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



53.2936, 58.6141, 52.0745



51.5057, 58.6141, 56.7431



50.8384, 58.6141, 63.6298

Triad

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



51.5057, 58.6141, 56.7431



55.6442, 58.6141, 79.3106



60.2093, 58.6141, 57.0498

Complementary

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



51.5057, 58.6141, 56.7431



53.8627, 52.2765, 63.7542

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.



60.8853, 58.6141, 64.0122



51.5057, 58.6141, 56.7431



58.2003, 58.6141, 77.2126

Square

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



51.5057, 58.6141, 56.7431



53.1815, 58.6141, 76.9958



60.1391, 58.6141, 71.4638



58.3194, 58.6141, 52.2416

Rectangle

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



51.5057, 58.6141, 56.7431



51.1023, 58.6141, 68.6785



60.1391, 58.6141, 71.4638



60.5886, 58.6141, 59.1977

Sweetspot

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



51.5073, 58.6166, 56.7444



91.2998, 98.1812, 103.5496



55.7917, 60.8748, 54.7090



19.3326, 20.9133, 21.8642



0.0000, 0.0000, 0.0000



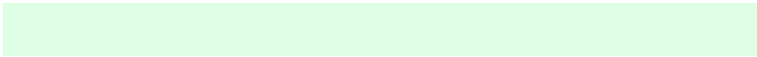
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5073, 58.6166, 56.7444



79.8248, 92.6205, 86.9795



52.7087, 59.0971, 63.0706



11.7428, 13.2409, 13.0021



14.3001, 28.2130, 5.9607



0.8267, 1.5883, 0.4760

Inverse Universe

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



53.8627, 52.2765, 63.7542



84.4161, 80.2608, 100.6433



52.6343, 51.7852, 57.2858



12.2147, 11.9706, 14.4066



20.7783, 10.1842, 24.8025



1.1864, 0.5793, 1.5164

Previews

White Background



This preview shows how the XYZ color 51.5057, 58.6141, 56.7431 looks on a white background.

Color Contrast Check

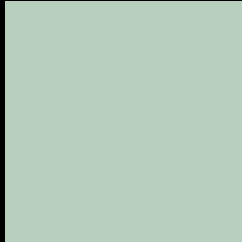
Large Text (above 18pt) WCAG AA × Fail

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 51.5057, 58.6141, 56.7431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

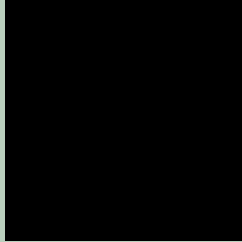
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5057, 58.6141, 56.7431

Background



This preview shows how black text looks on a background with the XYZ color 51.5057, 58.6141, 56.7431.



This preview shows how white text looks on a background with the XYZ color 51.5057, 58.6141,

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

51.5057, 58.6141, 56.7431

Protanopia

55.4237, 58.2212, 54.2156

Deuteranopia

59.5467, 58.2366, 57.9715



Tritanopia

55.3773, 58.7735, 75.4436

Trichromacy



Original Color

51.5057, 58.6141, 56.7431

Protanomaly

54.0383, 58.5364, 54.9049

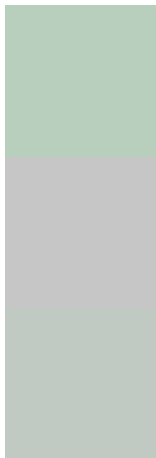
Deuteranomaly

56.4057, 58.3101, 57.5723

Tritanomaly

53.7171, 58.4312, 68.1217

Monochromacy



Original Color

51.5057, 58.6141, 56.7431

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.7293, 57.0509, 59.8625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5057, 58.6141, 56.7431 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(185, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 207, 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(185, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 207, 189) }
```

Border

The CSS property to change the border of an element to XYZ 51.5057, 58.6141, 56.7431 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(185, 207, 189) }
```


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

```
.border{ border-color:rgb(185, 207, 189) }
```

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

Here you see how a box with a 4 pixel rgb(185, 207, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(185, 207,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5057, 58.6141, 56.7431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 207, 189) }
```

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

```
.background{ background-color: rgb(185,  
207, 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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