

Converting Colors

XYZ(51.8834, 58.8213, 56.1960)

Have a look what the booklet for
XYZ(51.8834, 58.8213, 56.1960)
contains.

XYZ(51.8834, 58.8213, 56.1960)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.8834, 58.8213,
56.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCFBC
RGB	187, 207, 188
RGB Percent	73%, 81%, 74%
CMY	0.2667, 0.1882, 0.2627
CMYK	0.10, 0.00, 0.09, 0.19
HSL	123°, 17%, 77%
HSV	123°, 10%, 81%
XYZ	51.8834, 58.8213, 56.1960
YIQ	198.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

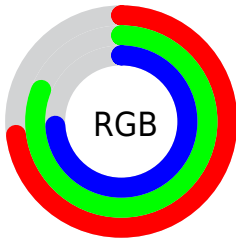
Format	Color
RYB	187, 206, 207
Decimal	12308412
CIELab	81.19, -10.30, 7.15
CIElCh	81, 12.540, 145.252
Yxy	58.8213, 0.3109, 0.3524
Android (android.graphics.Color)	4290498492 (0xFFBBCFBC)
YUV	198.8540, -5.3510, -10.3960
Hunter-Lab	76.6950, -13.4629, 10.2436

Details

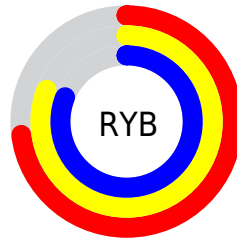
The XYZ color **51.8834, 58.8213, 56.1960** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6451, 53.2636, 65.7961**, and the grayscale version is **54.2324, 57.0567, 62.1348**.

A 20% lighter version of the original color is **89.0513, 97.1063, 99.6378**, and **25.5959, 29.6001, 27.2860** is the 20% darker color. If you saturate the color by 10%, you get **45.2022, 55.6072, 45.5611**, and if you desaturate by 10%, it is **59.5868, 62.5323, 68.3891**.

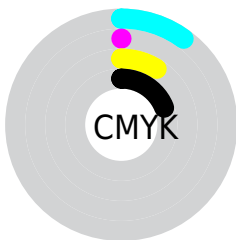
Distribution



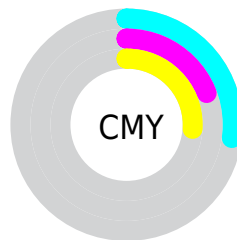
- Red (73%)
- Green (81%)
- Blue (74%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8834, 58.8213, 56.1960 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 51.8834, 58.8213, 56.1960 by changing the saturation by 10% instead.

■ 51.8834, 58.8213,
56.1960

■ 51.8834, 58.8213,
56.1960

384.3177,
420.2394, 427.8388

■ 37.1360, 42.4693,
39.9550

■ 92.1345, 103.1179,
100.7797

■ 25.4870, 29.4689,
27.1900

118.3690,
131.8313, 129.9596

■ 16.5709, 19.4358,
17.4823

149.1631,
165.4339, 164.2895

■ 10.0224, 11.9856,
10.4133

184.8824,
204.3101, 204.1880

■ 5.4762, 6.7339,
5.5647

225.8922,
248.8444, 250.0737

■ 2.5669, 3.2962,
2.5178

272.5577,

■ 0.9291, 1.2883,

299.4211, 302.3650

0.8496

325.2444,
356.4246, 361.4805

■ 0.0000, 0.1321,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.8834, 58.8213,
56.1960

■ 51.8834, 58.8213,
56.1960

■ 45.2022, 55.6072,
45.5611

■ 59.5868, 62.5323,
68.3891

■ 39.4957, 52.8618,
36.4180

■ 68.3476, 66.7522,
82.1956

■ 34.7196, 50.5655,
28.7011

■ 78.2055, 71.5018,
97.6727

■ 30.8248, 48.6944,
22.3387

■ 81.6040, 73.1080,
104.4180

■ 27.7571, 47.2224,
17.2525

■ 25.4568, 46.1204,
13.3565

■ 23.8560, 45.3556,
10.5540

■ 22.8749, 44.8890,
8.7331

■ 22.3832, 44.6567,
7.7569

Harmonies

Analogous

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



53.7934, 58.8213, 51.9026



51.8834, 58.8213, 56.1960



51.0525, 58.8213, 62.8637

Triad

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



51.8834, 58.8213, 56.1960



55.4934, 58.8213, 79.4702



60.5725, 58.8213, 58.1064

Complementary

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



51.8834, 58.8213, 56.1960



54.6451, 53.2636, 65.7961

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.



61.0618, 58.8213, 65.2438



51.8834, 58.8213, 56.1960



58.0771, 58.8213, 77.9504

Square

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



51.8834, 58.8213, 56.1960



53.0950, 58.8213, 76.6017



60.1353, 58.8213, 72.5958



58.8184, 58.8213, 52.9439

Rectangle

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



51.8834, 58.8213, 56.1960



51.2029, 58.8213, 67.9038



60.1353, 58.8213, 72.5958



60.8927, 58.8213, 60.3379

Sweetspot

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



51.8850, 58.8238, 56.1973



91.1431, 98.1186, 102.7246



56.7386, 61.3384, 55.8633



19.2905, 20.8965, 21.6426



0.0000, 0.0000, 0.0000



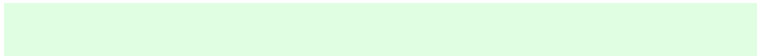
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8850, 58.8238, 56.1973



80.3425, 92.9184, 85.6020



53.0012, 59.2703, 62.0748



11.6799, 13.2157, 12.6709



14.1042, 28.1346, 4.9289



0.7972, 1.5765, 0.3209

Inverse Universe

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



54.6451, 53.2636, 65.7961



85.8078, 81.9084, 104.6086



53.4681, 52.7928, 59.5981



12.2842, 11.9984, 14.7724



22.5473, 10.8918, 34.1180



1.2687, 0.6122, 1.9499

Previews

White Background



This preview shows how the XYZ color 51.8834, 58.8213, 56.1960 looks on a white background.

Color Contrast Check

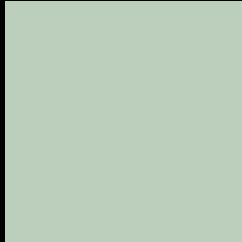
Large Text (above 18pt) WCAG AA × Fail

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 51.8834, 58.8213, 56.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

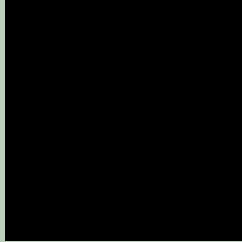
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8834, 58.8213, 56.1960

Background



This preview shows how black text looks on a background with the XYZ color 51.8834, 58.8213, 56.1960.

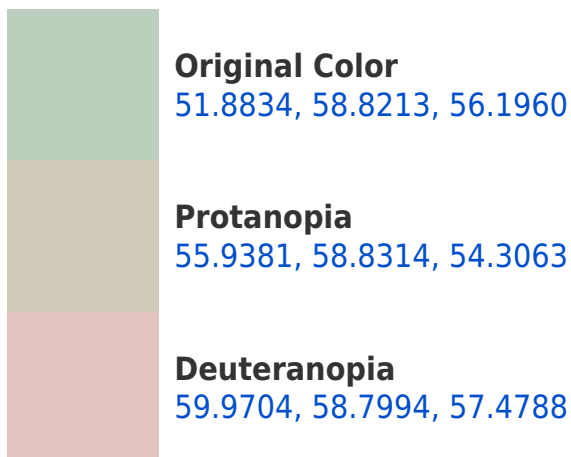


This preview shows how white text looks on a background with the XYZ color 51.8834, 58.8213,

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

55.8803, 59.0328, 75.4671

Trichromacy



Original Color

51.8834, 58.8213, 56.1960

Protanomaly

54.3063, 58.6745, 54.9174

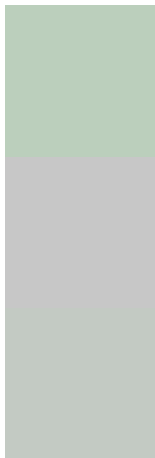
Deuteranomaly

56.5817, 58.4134, 57.0079

Tritanomaly

54.2132, 58.6869, 68.1449

Monochromacy



Original Color

51.8834, 58.8213, 56.1960

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.4765, 57.7833, 59.9645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8834, 58.8213, 56.1960 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(187, 207, 188)` looks like.

```
.text, #text, p{  
    color:rgb(187, 207, 188)  
}
```

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(187, 207, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 207, 188) }
```

Border

The CSS property to change the border of an element to XYZ 51.8834, 58.8213, 56.1960 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(187, 207, 188) }
```


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

```
.border{ border-color:rgb(187, 207, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 207, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 207, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 207, 188);  
box-shadow:4px 4px 4px 4px rgb(187, 207,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8834, 58.8213, 56.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 207, 188) }
```

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

```
.background{ background-color: rgb(187,  
207, 188) }
```

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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