

Converting Colors

XYZ(48.9762, 51.8980, 57.4840)

Have a look what the booklet for
XYZ(48.9762, 51.8980, 57.4840)
contains.

XYZ(48.8843, 51.7587, 57.2831)	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(48.8843, 51.7587,
57.2831)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBFC0
RGB	188, 191, 192
RGB Percent	74%, 75%, 75%
CMY	0.2627, 0.2510, 0.2471
CMYK	0.02, 0.01, 0.00, 0.25
HSL	195°, 3%, 75%
HSV	195°, 2%, 75%
XYZ	48.8843, 51.7587, 57.2831
YIQ	190.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

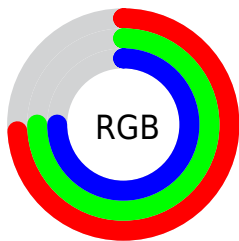
Format	Color
RYB	188, 190, 192
Decimal	12369856
CIELab	77.14, -0.85, -0.88
CIELCh	77, 1.218, 225.937
Yxy	51.7587, 0.3095, 0.3277
Android (android.graphics.Color)	4290559936 (0xFFBCBFC0)
YUV	190.2170, 0.8790, -1.9443
Hunter-Lab	71.9435, -4.6137, 3.1524

Details

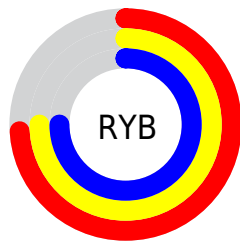
The XYZ color **48.8843, 51.7587, 57.2831** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0131, 51.2321, 54.8834**, and the grayscale version is **49.0658, 51.6210, 56.2153**.

A 20% lighter version of the original color is **87.5123, 92.5319, 102.0550**, and **23.7404, 25.1919, 28.0374** is the 20% darker color. If you saturate the color by 10%, you get **43.4392, 47.4289, 56.7351**, and if you desaturate by 10%, it is **54.9957, 56.4856, 57.8741**.

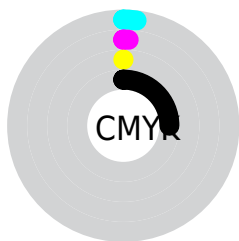
Distribution



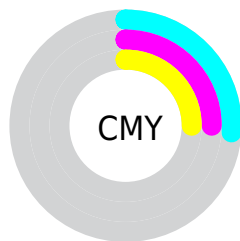
- Red (74%)
- Green (75%)
- Blue (75%)



- Red (74%)
- Yellow (75%)
- Blue (75%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (26%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8843, 51.7587, 57.2831 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 48.8843, 51.7587, 57.2831 by changing the saturation by 10% instead.

■ 48.8843, 51.7587,
57.2831

■ 48.8843, 51.7587,
57.2831

372.8112,
393.5043, 432.0327

■ 34.7419, 36.8128,
40.8217

■ 87.7213, 92.7753,
102.3826

■ 23.6297, 25.0626,
27.8611

113.1467,
119.6147, 131.8577

■ 15.1824, 16.1237,
17.9829

143.0637,
151.1875, 166.5079

■ 9.0346, 9.6117,
10.7684

177.8377,
187.8779, 206.7516

■ 4.8211, 5.1423,
5.7991

217.8341,
230.0704, 253.0074

■ 2.1763, 2.3310,
2.6565

263.4182,

■ 0.7302, 0.7900,

278.1494, 305.6938

0.9214

314.9555,
332.4992, 365.2294

■ 0.0000, 0.0000,
0.0000

■ 48.8843, 51.7587,
57.2831

■ 48.8843, 51.7587,
57.2831

■ 43.4392, 47.4289,
56.7351

■ 54.9957, 56.4856,
57.8741

■ 38.6310, 43.4761,
56.2256

■ 61.7927, 61.6155,
58.5061

■ 34.4347, 39.8885,
55.7543

■ 69.2991, 67.1627,
59.1812

■ 30.8216, 36.6507,
55.3197

■ 73.8376, 71.2319,
59.7274

■ 27.7609, 33.7463,
54.9205

■ 75.0380, 73.6327,
60.1275

■ 25.2186, 31.1574,
54.5547

■ 76.2741, 76.1049,
60.5396

■ 23.1570, 28.8639,
54.2207

■ 77.5461, 78.6489,
60.9636

■ 21.5327, 26.8431,
53.9163

■ 78.8544, 81.2654,
61.3997

■ 20.2941, 25.0677,
53.6389

■ 80.1992, 83.9550,
61.8479

Harmonies

Analogous

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



48.7657, 51.7587, 56.7093



48.8843, 51.7587, 57.2831



49.0864, 51.7587, 57.6098

Triad

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



48.8843, 51.7587, 57.2831



49.6308, 51.7587, 56.6686



49.0722, 51.7587, 55.1321

Complementary

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



48.8843, 51.7587, 57.2831



49.0131, 51.2321, 54.8834

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.



49.3040, 51.7587, 55.1214



48.8843, 51.7587, 57.2831



49.6270, 51.7587, 56.0050

Square

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



48.8843, 51.7587, 57.2831



49.5176, 51.7587, 57.2531



49.5072, 51.7587, 55.4398



48.8740, 51.7587, 55.4692

Rectangle

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



48.8843, 51.7587, 57.2831



49.2414, 51.7587, 57.6418



49.5072, 51.7587, 55.4398



49.1488, 51.7587, 55.0903

Sweetspot

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



48.8858, 51.7609, 57.2842



89.7004, 94.6658, 103.9049



48.7676, 52.0627, 55.5859



19.2554, 20.3181, 22.2922



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



48.8858, 51.7609, 57.2842



88.6305, 93.8285, 103.7997



48.4663, 50.9220, 57.1444



11.0894, 11.7341, 12.9653



13.1919, 16.1402, 35.9767



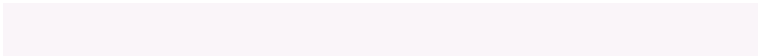
0.6218, 0.8011, 1.5717

Inverse Universe

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



49.1266, 50.9356, 56.5350



89.0563, 92.3690, 102.4753



49.4324, 52.0707, 55.0232



11.1385, 11.5657, 12.8126



18.0546, 8.9116, 18.7315



0.8063, 0.3955, 0.9472

Previews

White Background



This preview shows how the XYZ color 48.8843, 51.7587, 57.2831 looks on a white background.

Color Contrast Check

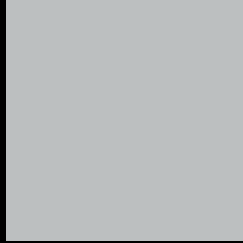
Large Text (above 18pt) WCAG AA × Fail

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 48.8843, 51.7587, 57.2831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

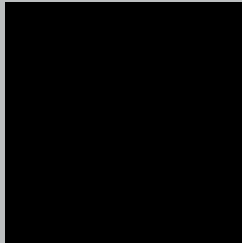
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8843, 51.7587, 57.2831

Background



This preview shows how black text looks on a background with the XYZ color 48.8843, 51.7587, 57.2831.

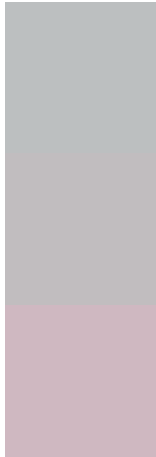


This preview shows how white text looks on a background with the XYZ color 48.8843, 51.7587,

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

48.8843, 51.7587, 57.2831

Protanopia

49.5939, 51.4942, 56.6157

Deuteranopia

52.4983, 51.3966, 57.6057



Tritanopia

50.3319, 51.7020, 64.4534

Trichromacy



Original Color

48.8843, 51.7587, 57.2831

Protanomaly

49.3033, 51.6649, 56.6640

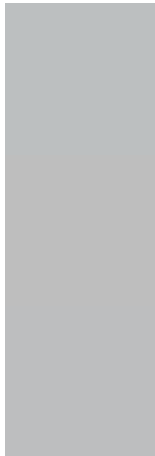
Deuteranomaly

51.2154, 51.6703, 57.7261

Tritanomaly

49.8250, 51.8159, 62.0190

Monochromacy



Original Color

48.8843, 51.7587, 57.2831

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.8037, 51.4073, 56.6406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8843, 51.7587, 57.2831 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(188, 191, 192) looks like.

```
.text, #text, p{  
    color:rgb(188, 191, 192)  
}
```

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(188, 191, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 191, 192) }
```

Border

The CSS property to change the border of an element to XYZ 48.8843, 51.7587, 57.2831 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(188, 191, 192) }
```


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

```
.border{ border-color:rgb(188, 191, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 191, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 191, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 191, 192);  
box-shadow:4px 4px 4px 4px rgb(188, 191,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8843, 51.7587, 57.2831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 191, 192) }
```

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

```
.background{ background-color: rgb(188,  
191, 192) }
```

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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