

Converting Colors

XYZ(48.6446, 51.2867, 58.3744)

Have a look what the booklet for
XYZ(48.6446, 51.2867, 58.3744)
contains.

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Color

**XYZ(48.6446, 51.2867,
58.3744)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBEC2
RGB	187, 190, 194
RGB Percent	73%, 75%, 76%
CMY	0.2667, 0.2549, 0.2392
CMYK	0.04, 0.02, 0.00, 0.24
HSL	214°, 5%, 75%
HSV	214°, 4%, 76%
XYZ	48.6446, 51.2867, 58.3744
YIQ	189.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

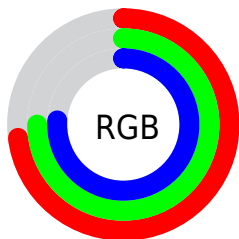
Format	Color
R _Y B	187, 189, 194
Decimal	12304066
CIE Lab	76.85, -0.28, -2.38
CIE LCh	77, 2.400, 263.325
Yxy	51.2867, 0.3073, 0.3240
Android (android.graphics.Color)	4290494146 (0xFFBBBEC2)
YUV	189.5590, 2.1894, -2.2442
Hunter-Lab	71.6147, -4.0789, 1.8020

Details

The XYZ color **48.6446, 51.2867, 58.3744** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8488, 52.3185, 54.4858**, and the grayscale version is **48.6803, 51.2155, 55.7737**.

A 20% lighter version of the original color is **87.1732, 91.8683, 103.5803**, and **23.5108, 24.8531, 28.3689** is the 20% darker color. If you saturate the color by 10%, you get **41.9068, 44.3869, 57.3985**, and if you desaturate by 10%, it is **56.2089, 58.8862, 59.4433**.

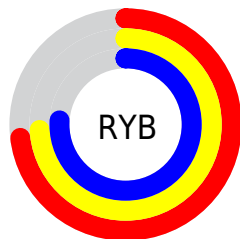
Distribution



Red (73%)

Green (75%)

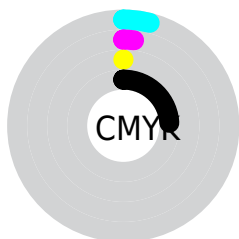
Blue (76%)



Red (73%)

Yellow (74%)

Blue (76%)

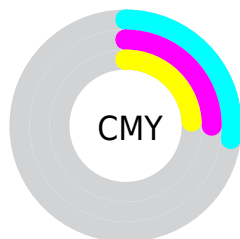


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6446, 51.2867, 58.3744 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 48.6446, 51.2867, 58.3744 by changing the saturation by 10% instead.

■ 48.6446, 51.2867,
58.3744

■ 48.6446, 51.2867,
58.3744

371.8817,
391.6767, 436.2167

■ 34.5510, 36.4368,
41.6930

■ 87.3673, 92.0784,
103.9880

■ 23.4821, 24.7718,
28.5372

112.7271,
118.7891, 133.7574

■ 15.0725, 15.9071,
18.4885

142.5730,
150.2221, 168.7264

■ 8.9570, 9.4584,
11.1282

177.2704,
186.7619, 209.3138

■ 4.7700, 5.0414,
6.0379

217.1846,
228.7928, 255.9380

■ 2.1463, 2.2716,
2.7990

262.6810,

■ 0.7142, 0.7586,

276.6993, 309.0175

0.9929

314.1249,
330.8658, 368.9709

■ 0.0000, 0.0000,
0.0000

■ 48.6446, 51.2867,
58.3744

■ 48.6446, 51.2867,
58.3744

■ 41.9068, 44.3869,
57.3985

■ 56.2089, 58.8862,
59.4433

■ 35.9616, 38.1590,
56.5098

■ 64.6233, 67.1991,
60.6044

■ 30.7790, 32.5829,
55.7066

■ 73.9159, 76.2468,
61.8610

■ 26.3254, 27.6348,
54.9862

■ 80.4908, 84.1811,
63.0460

■ 22.5645, 23.2892,
54.3457

■ 83.7497, 90.6989,
64.1323

■ 19.4567, 19.5189,
53.7817

■ 86.7378, 96.6751,
65.1283

■ 16.9580, 16.2938,
53.2909

■ 15.0179, 13.5803,
52.8694

■ 13.5767, 11.3395,
52.5129

Harmonies

Analogous

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



48.2245, 51.2867, 57.8812



48.6446, 51.2867, 58.3744



49.0945, 51.2867, 58.1807

Triad

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



48.6446, 51.2867, 58.3744



49.5562, 51.2867, 54.8539



48.0465, 51.2867, 54.3558

Complementary

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



48.6446, 51.2867, 58.3744



49.8488, 52.3185, 54.4858

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.



48.4001, 51.2867, 53.5678



48.6446, 51.2867, 58.3744



49.2721, 51.2867, 53.8522

Square

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



48.6446, 51.2867, 58.3744



49.6227, 51.2867, 56.1350



48.8485, 51.2867, 53.3849



47.8806, 51.2867, 55.5511

Rectangle

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



48.6446, 51.2867, 58.3744



49.3507, 51.2867, 57.6896



48.8485, 51.2867, 53.3849



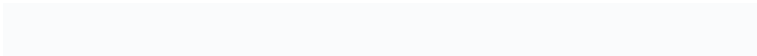
48.1472, 51.2867, 54.0352

Sweetspot

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



48.6461, 51.2889, 58.3755



91.5396, 96.3667, 106.2458



49.1865, 52.9093, 56.8920



20.0608, 21.1180, 23.2688



0.0000, 0.0000, 0.0000



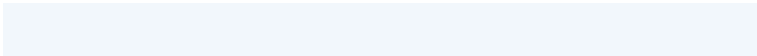
20.3446, 21.4041, 23.3091

Same Dimension

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



48.6461, 51.2889, 58.3755



87.5451, 92.3247, 105.6761



48.1167, 50.0604, 58.1663



10.5867, 11.1685, 12.8826



8.5250, 6.8065, 34.4211



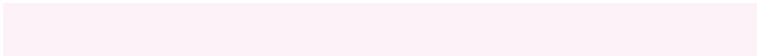
0.4366, 0.4307, 1.5100

Inverse Universe

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



49.3139, 50.7288, 55.9102



88.9048, 91.1895, 100.6556



50.3908, 53.5799, 54.7007



10.7774, 11.0103, 12.1782



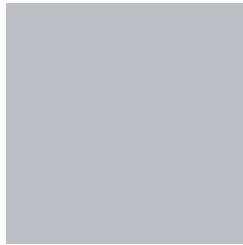
15.6990, 7.9694, 6.3270



0.7128, 0.3581, 0.4549

Previews

White Background



This preview shows how the XYZ color 48.6446, 51.2867, 58.3744 looks on a white background.

Color Contrast Check

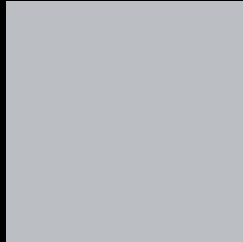
Large Text (above 18pt) WCAG AA × Fail

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 48.6446, 51.2867, 58.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

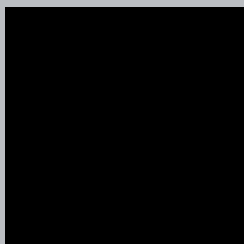
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

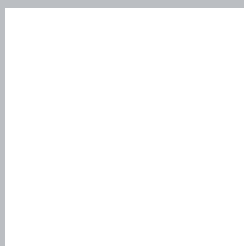
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.6446, 51.2867, 58.3744

Background



This preview shows how black text looks on a background with the XYZ color 48.6446, 51.2867, 58.3744.



This preview shows how white text looks on a background with the XYZ color 48.6446, 51.2867,

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

48.6446, 51.2867, 58.3744

Protanopia

49.5615, 51.4519, 57.7711

Deuteranopia

52.1677, 51.2002, 58.7629



Tritanopia

49.9634, 51.5258, 63.8120

Trichromacy



Original Color

48.6446, 51.2867, 58.3744

Protanomaly

49.0584, 51.1926, 57.7476

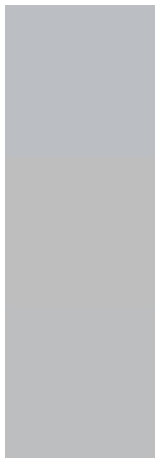
Deuteranomaly

50.6979, 51.0637, 58.8140

Tritanomaly

49.3620, 51.2567, 61.9355

Monochromacy



Original Color

48.6446, 51.2867, 58.3744

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 48.6446, 51.2867, 58.3744 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, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(187, 190, 194)  
}
```

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, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 190, 194) }
```

Border

The CSS property to change the border of an element to XYZ 48.6446, 51.2867, 58.3744 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, 190, 194) }
```


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

```
.border{ border-color:rgb(187, 190, 194) }
```

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

Here you see how a box with a 4 pixel rgb(187, 190, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(187, 190,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6446, 51.2867, 58.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 190, 194) }
```

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

```
.background{ background-color: rgb(187,  
190, 194) }
```

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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