

Converting Colors

XYZ(48.4823, 53.0115, 67.4018)

Have a look what the booklet for
XYZ(48.4823, 53.0115, 67.4018)
contains.

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Color

**XYZ(48.3587, 52.9182,
67.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC4D0
RGB	173, 196, 208
RGB Percent	68%, 77%, 82%
CMY	0.3216, 0.2314, 0.1843
CMYK	0.17, 0.06, 0.00, 0.18
HSL	201°, 27%, 75%
HSV	201°, 17%, 82%
XYZ	48.3587, 52.9182, 67.3400
YIQ	190.4910, -17.5600, -1.1440

Conversions

Conversions Part 2

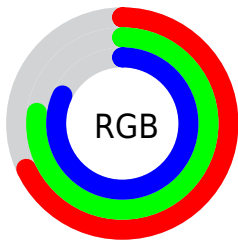
Format	Color
RYB	173, 187, 208
Decimal	11388112
CIELab	77.83, -5.26, -8.63
CIELCh	78, 10.108, 238.617
Yxy	52.9182, 0.2868, 0.3138
Android (android.graphics.Color)	4289578192 (0xFFADC4D0)
YUV	190.4910, 8.6319, -15.3396
Hunter-Lab	72.7449, -8.6419, -3.9634

Details

The XYZ color **48.3587, 52.9182, 67.3400** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9046, 51.1249, 46.7213**, and the grayscale version is **49.1870, 51.7485, 56.3541**.

A 20% lighter version of the original color is **85.4884, 94.1286, 108.2707**, and **23.2515, 25.6722, 34.3016** is the 20% darker color. If you saturate the color by 10%, you get **42.5426, 47.5902, 66.6190**, and if you desaturate by 10%, it is **54.9704, 58.7726, 68.1224**.

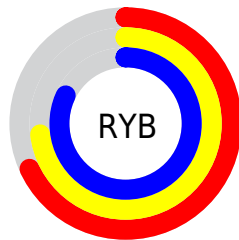
Distribution



Red (68%)

Green (77%)

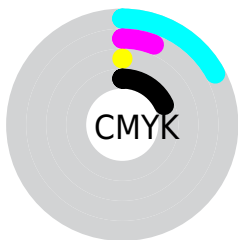
Blue (82%)



Red (68%)

Yellow (73%)

Blue (82%)

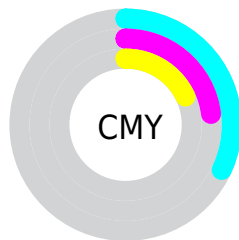


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (18%)



Cyan (32%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3587, 52.9182, 67.3400 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 48.3587, 52.9182, 67.3400 by changing the saturation by 10% instead.

■ 48.3587, 52.9182,
67.3400

■ 48.3587, 52.9182,
67.3400

370.7711,
397.9712, 469.6884

■ 34.3235, 37.7375,
48.8977

■ 86.9447, 94.4840,
117.0527

■ 23.3063, 25.7790,
34.1733

112.2262,
121.6378, 149.1602

■ 14.9418, 16.6584,
22.7483

141.9871,
153.5515, 186.6598

■ 8.8646, 9.9912,
14.2042

176.5929,
190.6094, 229.9700

■ 4.7094, 5.3931,
8.1225

216.4088,
233.1960, 279.5095

■ 2.1107, 2.4797,
4.0845

261.8002,

■ 0.6950, 0.8665,

281.6955, 335.6967

1.6718

313.1326,
336.4925, 398.9502

■ 0.0000, 0.0000,
0.3413

■ 0.0000, 0.0000,
0.0000

■ 48.3587, 52.9182,
67.3400

■ 48.3587, 52.9182,
67.3400

■ 42.5426, 47.5902,
66.6190

■ 54.9704, 58.7726,
68.1224

■ 37.4834, 42.7629,
65.9539

■ 62.4049, 65.1648,
68.9644

■ 33.1459, 38.4180,
65.3438

■ 70.6939, 72.1139,
69.8688

■ 29.4902, 34.5332,
64.7867

■ 79.4220, 79.4075,
70.8166

■ 26.4721, 31.0842,
64.2800

■ 81.3846, 83.3326,
71.4708

■ 24.0418, 28.0436,
63.8212

■ 83.4285, 87.4205,
72.1521

■ 22.1415, 25.3797,
63.4072

■ 85.5548, 91.6731,
72.8608

■ 20.6955, 23.0518,
63.0341

■ 87.7643, 96.0922,
73.5974

■ 20.2887, 22.3609,
62.9222

■ 88.3853, 97.3341,
73.8044

Harmonies

Analogous

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



47.0587, 52.9182, 62.9482



48.3587, 52.9182, 67.3400



50.2062, 52.9182, 69.1049

Triad

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



48.3587, 52.9182, 67.3400



54.1623, 52.9182, 57.8800



48.5125, 52.9182, 48.6483

Complementary

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



48.3587, 52.9182, 67.3400



50.9046, 51.1249, 46.7213

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.



50.3882, 52.9182, 47.4819



48.3587, 52.9182, 67.3400



53.6809, 52.9182, 52.5993

Square

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



48.3587, 52.9182, 67.3400



53.5859, 52.9182, 63.4284



52.2867, 52.9182, 48.8815



47.1458, 52.9182, 52.1755

Rectangle

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



48.3587, 52.9182, 67.3400



51.5107, 52.9182, 68.4724



52.2867, 52.9182, 48.8815



49.1028, 52.9182, 47.9776

Sweetspot

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



48.3603, 52.9204, 67.3412



89.1354, 94.9046, 108.2282



48.5122, 57.4857, 54.2547



18.9065, 20.1640, 23.1455



0.0000, 0.0000, 0.0000



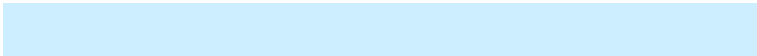
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3603, 52.9204, 67.3412



73.3863, 80.9262, 106.3602



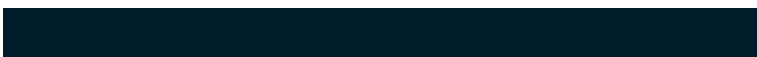
44.7065, 45.6128, 66.1233



11.8030, 12.6962, 15.0722



12.7378, 14.1223, 39.2470



0.7844, 0.9341, 2.2185

Inverse Universe

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



50.9211, 47.2837, 58.6699



78.1948, 70.5905, 90.0223



54.7158, 58.7473, 47.9918



12.1314, 11.9373, 13.9680



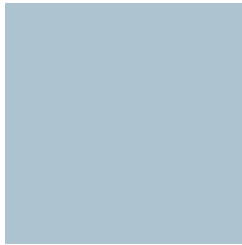
19.0602, 9.4969, 15.7550



1.1022, 0.5456, 1.0729

Previews

White Background



This preview shows how the XYZ color 48.3587, 52.9182, 67.3400 looks on a white background.

Color Contrast Check

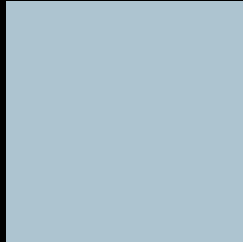
Large Text (above 18pt) WCAG AA × Fail

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 48.3587, 52.9182, 67.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

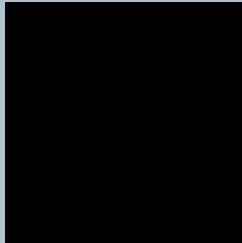
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

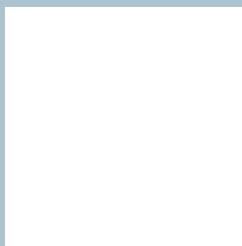
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3587, 52.9182, 67.3400

Background



This preview shows how black text looks on a background with the XYZ color 48.3587, 52.9182, 67.3400.



This preview shows how white text looks on a background with the XYZ color 48.3587, 52.9182,

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

48.3587, 52.9182, 67.3400

Protanopia

51.3885, 52.8758, 65.2552

Deuteranopia

54.0318, 52.8903, 68.3338



Tritanopia

48.9534, 53.1817, 69.3130

Trichromacy



Original Color

48.3587, 52.9182, 67.3400

Protanomaly

50.2181, 52.9104, 65.9585

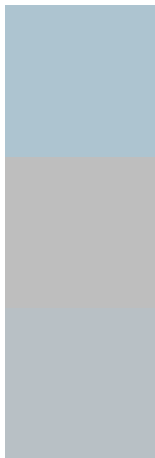
Deuteranomaly

51.6603, 52.6368, 67.7587

Tritanomaly

48.8283, 53.1317, 68.6547

Monochromacy



Original Color

48.3587, 52.9182, 67.3400

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.6948, 51.9208, 60.2786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3587, 52.9182, 67.3400 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(173, 196, 208)` looks like.

```
.text, #text, p{  
    color:rgb(173, 196, 208)  
}
```

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(173, 196, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 196, 208) }
```

Border

The CSS property to change the border of an element to XYZ 48.3587, 52.9182, 67.3400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

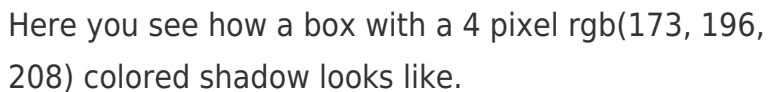
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 196, 208) }
```


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

```
.border{ border-color:rgb(173, 196, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 196, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 196, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 196, 208); box-shadow:4px 4px 4px 4px rgb(173, 196, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3587, 52.9182, 67.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 196, 208) }
```

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

```
.background{ background-color: rgb(173,  
196, 208) }
```

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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