

Converting Colors

XYZ(48.8048, 52.8145, 57.1079)

Have a look what the booklet for
XYZ(48.8048, 52.8145, 57.1079)
contains.

XYZ(48.7033, 52.6594, 56.8876)	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(48.7033, 52.6594,
56.8876)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C2BF
RGB	185, 194, 191
RGB Percent	73%, 76%, 75%
CMY	0.2745, 0.2392, 0.2510
CMYK	0.05, 0.00, 0.02, 0.24
HSL	160°, 7%, 74%
HSV	160°, 5%, 76%
XYZ	48.7033, 52.6594, 56.8876
YIQ	190.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

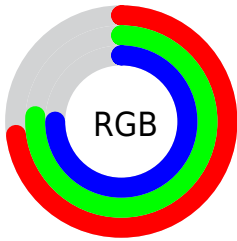
Format	Color
RYB	185, 190, 194
Decimal	12174015
CIELab	77.67, -3.66, 0.42
CIELCh	78, 3.682, 173.400
Yxy	52.6594, 0.3078, 0.3328
Android (android.graphics.Color)	4290364095 (0xFFB9C2BF)
YUV	190.9670, 0.0163, -5.2331
Hunter-Lab	72.5668, -7.1914, 4.3173

Details

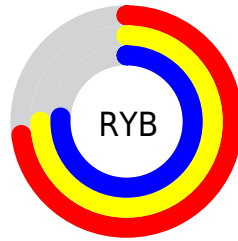
The XYZ color **48.7033, 52.6594, 56.8876** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6761, 49.7994, 54.6261**, and the grayscale version is **49.5051, 52.0832, 56.7186**.

A 20% lighter version of the original color is **87.2497, 93.7874, 101.4999**, and **23.4812, 25.4967, 27.7285** is the 20% darker color. If you saturate the color by 10%, you get **43.6426, 50.1324, 53.0158**, and if you desaturate by 10%, it is **54.4371, 55.5327, 60.9573**.

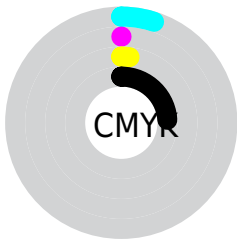
Distribution



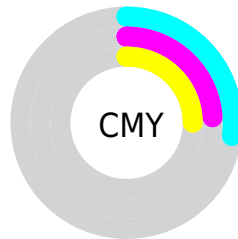
- Red (73%)
- Green (76%)
- Blue (75%)



- Red (73%)
- Yellow (75%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7033, 52.6594, 56.8876 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 48.7033, 52.6594, 56.8876 by changing the saturation by 10% instead.

■ 48.7033, 52.6594,
56.8876

■ 48.7033, 52.6594,
56.8876

372.1095,
396.9770, 430.5099

■ 34.5977, 37.5309,
40.5062

■ 87.4540, 94.1030,
101.7999

■ 23.5182, 25.6188,
27.6167

112.8299,
121.1869, 131.1679

■ 15.0994, 16.5387,
17.8004

142.6932,
153.0248, 165.7018

■ 8.9760, 9.9062,
10.6388

177.4094,
190.0010, 205.8203

■ 4.7825, 5.3368,
5.7134

217.3437,
232.4999, 251.9418

■ 2.1537, 2.4462,
2.6057

262.8616,

■ 0.7181, 0.8495,

280.9059, 304.4849

0.8954

314.3284,
335.6035, 363.8681

■ 0.0000, 0.0000,
0.0000

■ 48.7033, 52.6594,
56.8876

■ 48.7033, 52.6594,
56.8876

■ 43.6426, 50.1324,
53.0158

■ 54.4371, 55.5327,
60.9573

■ 39.2244, 47.9317,
49.3353

■ 60.8642, 58.7582,
65.2247

■ 35.4223, 46.0450,
45.8435

■ 68.0094, 62.3501,
69.6940

■ 32.2066, 44.4571,
42.5371

■ 73.0422, 64.8493,
74.2348

■ 29.5446, 43.1512,
39.4123

■ 73.9001, 65.1925,
78.7525

■ 27.4005, 42.1089,
36.4650

■ 74.7914, 65.5490,
83.4459

■ 25.7343, 41.3096,
33.6911

■ 75.7164, 65.9190,
88.3170

■ 24.4996, 40.7295,
31.0861

■ 76.6756, 66.3027,
93.3677

■ 23.6402, 40.3396,
28.6449

■ 77.6691, 66.7001,
98.5996

Harmonies

Analogous

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



48.9600, 52.6594, 55.0307



48.7033, 52.6594, 56.8876



48.8050, 52.6594, 58.9087

Triad

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



48.7033, 52.6594, 56.8876



50.5969, 52.6594, 61.0118



50.8720, 52.6594, 54.2462

Complementary

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



48.7033, 52.6594, 56.8876



48.6761, 49.7994, 54.6261

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.



51.3184, 52.6594, 55.7938



48.7033, 52.6594, 56.8876



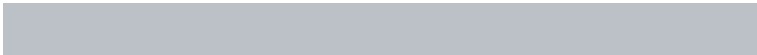
51.1585, 52.6594, 59.7071

Square

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



48.7033, 52.6594, 56.8876



49.8940, 52.6594, 61.3214



51.4237, 52.6594, 57.7890



50.2087, 52.6594, 53.5293

Rectangle

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



48.7033, 52.6594, 56.8876



49.0629, 52.6594, 60.0739



51.4237, 52.6594, 57.7890



51.0526, 52.6594, 54.6848

Sweetspot

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



48.7048, 52.6616, 56.8888



91.8581, 97.2175, 105.6935



48.8265, 52.7991, 53.5175



20.1272, 21.2952, 23.1538



0.0000, 0.0000, 0.0000



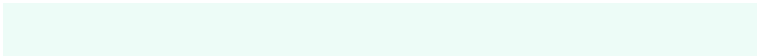
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7048, 52.6616, 56.8888



86.8282, 94.7005, 102.0206



48.7395, 52.1968, 58.5477



10.5424, 11.5301, 12.4102



15.3411, 26.4305, 18.2211



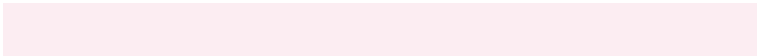
0.6937, 1.1543, 0.9500

Inverse Universe

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



48.6761, 49.7994, 54.6261



86.7605, 87.9557, 96.6888



48.6395, 50.2390, 53.0331



10.5336, 10.6473, 11.7124



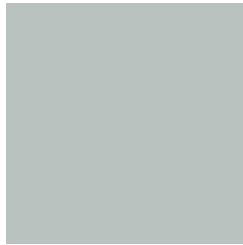
15.2836, 7.8032, 4.1397



0.6927, 0.3501, 0.3494

Previews

White Background



This preview shows how the XYZ color 48.7033, 52.6594, 56.8876 looks on a white background.

Color Contrast Check

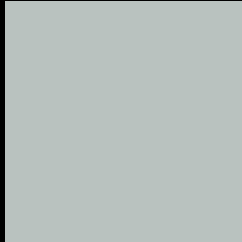
Large Text (above 18pt) WCAG AA × Fail

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 48.7033, 52.6594, 56.8876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

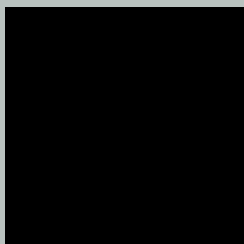
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

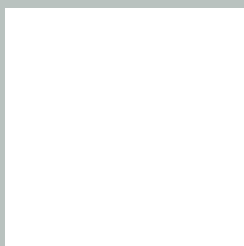
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7033, 52.6594, 56.8876

Background



This preview shows how black text looks on a background with the XYZ color 48.7033, 52.6594, 56.8876.



This preview shows how white text looks on a background with the XYZ color 48.7033, 52.6594,

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

48.7033, 52.6594, 56.8876

Protanopia

50.5811, 52.6715, 55.6448

Deuteranopia

53.7629, 52.6697, 57.7847



Tritanopia

50.8512, 52.8956, 66.5612

Trichromacy



Original Color

48.7033, 52.6594, 56.8876

Protanomaly

49.8821, 52.6234, 56.2435

Deuteranomaly

51.7994, 52.6185, 57.2954

Tritanomaly

50.1061, 52.9218, 62.8324

Monochromacy



Original Color

48.7033, 52.6594, 56.8876

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.2399, 52.2797, 56.7860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7033, 52.6594, 56.8876 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, 194, 191) looks like.

```
.text, #text, p{  
    color:rgb(185, 194, 191)  
}
```

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, 194, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 194, 191) }
```

Border

The CSS property to change the border of an element to XYZ 48.7033, 52.6594, 56.8876 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, 194, 191) }
```


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

```
.border{ border-color:rgb(185, 194, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 194, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 194, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 194, 191);  
box-shadow:4px 4px 4px 4px rgb(185, 194,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7033, 52.6594, 56.8876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 194, 191) }
```

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

```
.background{ background-color: rgb(185,  
194, 191) }
```

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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