

Converting Colors

XYZ(48.4043, 52.0124, 57.6795)

Have a look what the booklet for
XYZ(48.4043, 52.0124, 57.6795)
contains.

XYZ(48.4628, 52.1805, 57.9697)	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(48.4628, 52.1805,
57.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C1C1
RGB	184, 193, 193
RGB Percent	72%, 76%, 76%
CMY	0.2784, 0.2431, 0.2431
CMYK	0.05, 0.00, 0.00, 0.24
HSL	180°, 7%, 74%
HSV	180°, 5%, 76%
XYZ	48.4628, 52.1805, 57.9697
YIQ	190.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

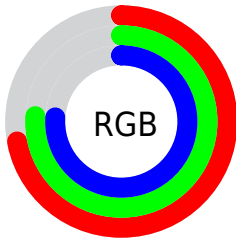
Format	Color
RYB	184, 189, 193
Decimal	12108225
CIELab	77.39, -3.09, -1.08
CIELCh	77, 3.274, 199.315
Yxy	52.1805, 0.3055, 0.3290
Android (android.graphics.Color)	4290298305 (0xFFB8C1C1)
YUV	190.3090, 1.3267, -5.5330
Hunter-Lab	72.2361, -6.6584, 2.9848

Details

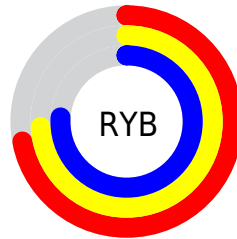
The XYZ color **48.4628, 52.1805, 57.9697** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7865, 49.0806, 52.3048**, and the grayscale version is **49.1177, 51.6756, 56.2747**.

A 20% lighter version of the original color is **86.9097, 93.1162, 103.0151**, and **23.4718, 25.4749, 28.4910** is the 20% darker color. If you saturate the color by 10%, you get **44.1510, 49.9592, 57.7654**, and if you desaturate by 10%, it is **53.4084, 54.7314, 58.2058**.

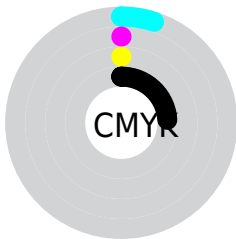
Distribution



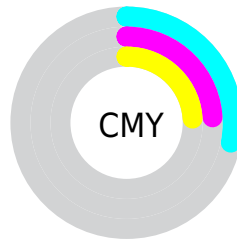
- Red (72%)
- Green (76%)
- Blue (76%)



- Red (72%)
- Yellow (74%)
- Blue (76%)



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



- Cyan (28%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4628, 52.1805, 57.9697 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 48.4628, 52.1805, 57.9697 by changing the saturation by 10% instead.

■ 48.4628, 52.1805,
57.9697

■ 48.4628, 52.1805,
57.9697

371.1758,
395.1330, 434.6681

■ 34.4063, 37.1490,
41.3697

■ 87.0986, 93.3974,
103.3931

■ 23.3703, 25.3229,
28.2862

112.4086,
120.3515, 133.0536

■ 14.9894, 16.3178,
18.3006

142.2005,
152.0487, 167.9047

■ 8.8982, 9.7493,
10.9944

176.8397,
188.8732, 208.3649

■ 4.7314, 5.2330,
5.9489

216.6914,
231.2095, 254.8529

■ 2.1237, 2.3846,
2.7458

262.1211,

■ 0.7020, 0.8180,

279.4420, 307.7870

0.9663

313.4941,
333.9550, 367.5859

■ 0.0000, 0.0000,
0.0000

■ 48.4628, 52.1805,
57.9697

■ 48.4628, 52.1805,
57.9697

■ 44.1510, 49.9592,
57.7654

■ 53.4084, 54.7314,
58.2058

■ 40.4432, 48.0478,
57.5882

■ 59.0072, 57.6176,
58.4715

■ 37.3136, 46.4346,
57.4382

■ 65.2835, 60.8531,
58.7688

■ 34.7333, 45.1045,
57.3138

■ 69.9395, 63.2533,
58.9903

■ 32.6705, 44.0411,
57.2137

■ 69.9402, 63.2535,
58.9940

■ 31.0904, 43.2266,
57.1361

■ 69.9409, 63.2538,
58.9976

■ 29.9536, 42.6407,
57.0793

■ 69.9416, 63.2541,
59.0013

■ 29.2150, 42.2600,
57.0411

■ 69.9423, 63.2544,
59.0049

■ 28.8194, 42.0561,
57.0190

■ 69.9430, 63.2547,
59.0085

Harmonies

Analogous

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



48.4164, 52.1805, 56.1756



48.4628, 52.1805, 57.9697



48.8113, 52.1805, 59.4843

Triad

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



48.4628, 52.1805, 57.9697



50.5193, 52.1805, 59.1049



49.8207, 52.1805, 53.4779

Complementary

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



48.4628, 52.1805, 57.9697



47.7865, 49.0806, 52.3048

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.



50.3890, 52.1805, 54.2281



48.4628, 52.1805, 57.9697



50.7946, 52.1805, 57.4606

Square

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



48.4628, 52.1805, 57.9697



49.9973, 52.1805, 60.1493



50.7467, 52.1805, 55.6771



49.1968, 52.1805, 53.6076

Rectangle

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



48.4628, 52.1805, 57.9697



49.1698, 52.1805, 60.1199



50.7467, 52.1805, 55.6771



50.0246, 52.1805, 53.6349

Sweetspot

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



48.4643, 52.1827, 57.9708



89.8934, 95.0520, 103.9686



47.5264, 51.8117, 52.8441



19.2947, 20.3968, 22.3052



92.9021, 97.7402, 106.4391



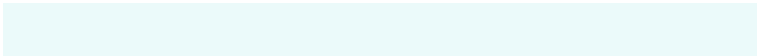
19.4759, 20.4902, 22.3138

Same Dimension

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



48.4643, 52.1827, 57.9708



85.6233, 92.8508, 103.7655



47.5167, 50.2871, 57.6566



10.6462, 11.5716, 12.9567



19.0814, 27.9266, 37.9175



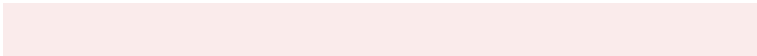
0.8245, 1.2066, 1.6385

Inverse Universe

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



47.7865, 49.0806, 52.3048



84.0524, 85.6614, 90.6340



48.7040, 50.9162, 52.6092



10.4357, 10.6082, 11.1970



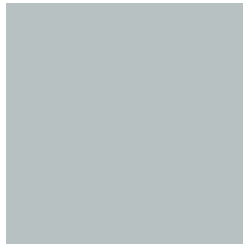
14.6278, 7.5409, 0.6860



0.6321, 0.3258, 0.0299

Previews

White Background



This preview shows how the XYZ color 48.4628, 52.1805, 57.9697 looks on a white background.

Color Contrast Check

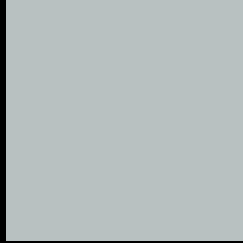
Large Text (above 18pt) WCAG AA × Fail

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 48.4628, 52.1805, 57.9697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

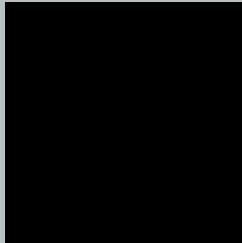
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

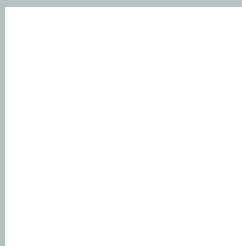
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4628, 52.1805, 57.9697

Background



This preview shows how black text looks on a background with the XYZ color 48.4628, 52.1805, 57.9697.

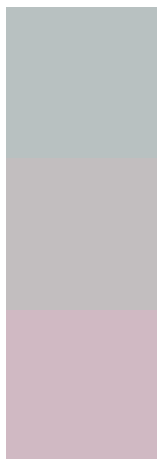


This preview shows how white text looks on a background with the XYZ color 48.4628, 52.1805,

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

48.4628, 52.1805, 57.9697

Protanopia

50.0656, 52.0578, 56.6996

Deuteranopia

53.2117, 52.0480, 58.8715



Tritanopia

50.0211, 52.1569, 65.8234

Trichromacy



Original Color

48.4628, 52.1805, 57.9697

Protanomaly

49.3804, 52.0145, 57.3064

Deuteranomaly

51.2740, 52.0036, 58.3742

Tritanomaly

49.3998, 52.2306, 62.7362

Monochromacy



Original Color

48.4628, 52.1805, 57.9697

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.7738, 51.7146, 56.7015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4628, 52.1805, 57.9697 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(184, 193, 193) looks like.

```
.text, #text, p{  
    color:rgb(184, 193, 193)  
}
```

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(184, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 193, 193) }
```

Border

The CSS property to change the border of an element to XYZ 48.4628, 52.1805, 57.9697 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(184, 193, 193) }
```


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

```
.border{ border-color:rgb(184, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(184, 193,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4628, 52.1805, 57.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 193, 193) }
```

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

```
.background{ background-color: rgb(184,  
193, 193) }
```

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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