

Converting Colors

XYZ(48.5742, 52.5524, 58.5603)

Have a look what the booklet for
XYZ(48.5742, 52.5524, 58.5603)
contains.

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Color

**XYZ(48.5578, 52.5459,
58.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C2C2
RGB	183, 194, 194
RGB Percent	72%, 76%, 76%
CMY	0.2823, 0.2392, 0.2392
CMYK	0.06, 0.00, 0.00, 0.24
HSL	180°, 8%, 74%
HSV	180°, 6%, 76%
XYZ	48.5578, 52.5459, 58.6220
YIQ	190.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

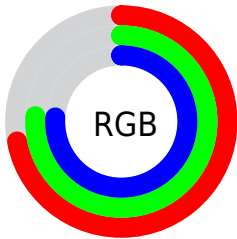
Format	Color
R_{YB}	183, 189, 194
Decimal	12042946
CIE Lab	77.61, -3.77, -1.31
CIE LCh	78, 3.989, 199.229
Yxy	52.5459, 0.3040, 0.3290
Android (android.graphics.Color)	4290233026 (0xFFB7C2C2)
YUV	190.7110, 1.6215, -6.7625
Hunter-Lab	72.4886, -7.2834, 2.7937

Details

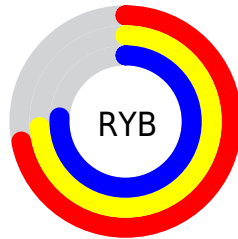
The XYZ color **48.5578, 52.5459, 58.6220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7308, 48.7565, 51.6975**, and the grayscale version is **49.3488, 51.9187, 56.5395**.

A 20% lighter version of the original color is **87.0375, 93.6241, 103.9264**, and **23.3176, 25.3954, 28.4838** is the 20% darker color. If you saturate the color by 10%, you get **44.2575, 50.3305, 58.4185**, and if you desaturate by 10%, it is **53.4972, 55.0936, 58.8576**.

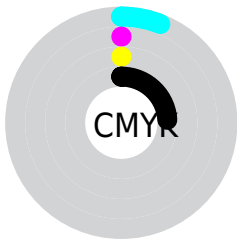
Distribution



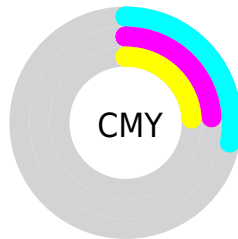
- Red (72%)
- Green (76%)
- Blue (76%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5578, 52.5459, 58.6220 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 48.5578, 52.5459, 58.6220 by changing the saturation by 10% instead.

■ 48.5578, 52.5459,
58.6220

■ 48.5578, 52.5459,
58.6220

371.5448,
396.5405, 437.1625

■ 34.4819, 37.4404,
41.8909

■ 87.2390, 93.9358,
104.3518

■ 23.4287, 25.5486,
28.6909

112.5751,
120.9890, 134.1876

■ 15.0328, 16.4863,
18.6036

142.3952,
152.7936, 169.2286

■ 8.9289, 9.8689,
11.2103

177.0648,
189.7339, 209.8936

■ 4.7516, 5.3121,
6.0925

216.9492,
232.1943, 256.6009

■ 2.1355, 2.4315,
2.8317

262.4137,

■ 0.7084, 0.8420,

280.5593, 309.7691

1.0094

313.8238,
335.2132, 369.8168

■ 0.0000, 0.0000,
0.0000

■ 48.5578, 52.5459,
58.6220

■ 48.5578, 52.5459,
58.6220

■ 44.2575, 50.3305,
58.4185

■ 53.4972, 55.0936,
58.8576

■ 40.5659, 48.4275,
58.2424

■ 59.0955, 57.9796,
59.1229

■ 37.4569, 46.8249,
58.0936

■ 65.3773, 61.2179,
59.4202

■ 34.9007, 45.5072,
57.9707

■ 70.2731, 63.7417,
59.6526

■ 32.8650, 44.4578,
57.8721

■ 70.2737, 63.7420,
59.6560

■ 31.3140, 43.6583,
57.7962

■ 70.2744, 63.7422,
59.6593

■ 30.2075, 43.0880,
57.7411

■ 70.2750, 63.7425,
59.6627

■ 29.4988, 42.7227,
57.7046

■ 70.2756, 63.7427,
59.6660

■ 29.1299, 42.5326,
57.6840

■ 70.2763, 63.7430,
59.6694

Harmonies

Analogous

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



48.5023, 52.5459, 56.4245



48.5578, 52.5459, 58.6220



48.9823, 52.5459, 60.4866

Triad

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



48.5578, 52.5459, 58.6220



51.0734, 52.5459, 60.0286



50.2206, 52.5459, 53.1467

Complementary

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



48.5578, 52.5459, 58.6220



47.7308, 48.7565, 51.6975

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.



50.9168, 52.5459, 54.0608



48.5578, 52.5459, 58.6220



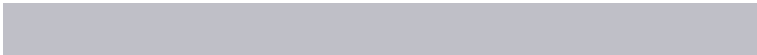
51.4125, 52.5459, 58.0100

Square

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



48.5578, 52.5459, 58.6220



50.4327, 52.5459, 61.3130



51.3549, 52.5459, 55.8278



49.4571, 52.5459, 53.3010

Rectangle

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



48.5578, 52.5459, 58.6220



49.4199, 52.5459, 61.2721



51.3549, 52.5459, 55.8278



50.4704, 52.5459, 53.3383

Sweetspot

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



48.5593, 52.5481, 58.6232



91.0931, 96.8077, 106.3532



47.4126, 52.0945, 52.3568



19.9677, 21.2098, 23.2912



0.0000, 0.0000, 0.0000



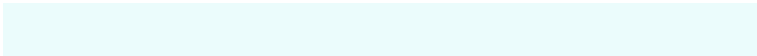
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5593, 52.5481, 58.6232



86.7810, 94.5848, 106.1483



47.3971, 50.2231, 58.2375



10.5524, 11.5233, 12.9523



19.0819, 27.9268, 37.9197



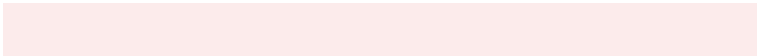
0.8245, 1.2067, 1.6386

Inverse Universe

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



47.7308, 48.7565, 51.6975



84.9172, 86.0551, 90.5682



48.8482, 50.9920, 52.0683



10.3133, 10.4291, 10.9538



14.6278, 7.5409, 0.6859



0.6321, 0.3258, 0.0299

Previews

White Background



This preview shows how the XYZ color 48.5578, 52.5459, 58.6220 looks on a white background.

Color Contrast Check

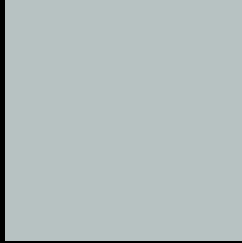
Large Text (above 18pt) WCAG AA × Fail

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 48.5578, 52.5459, 58.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

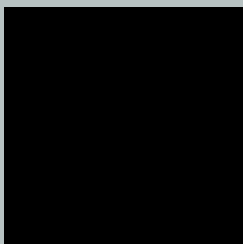
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

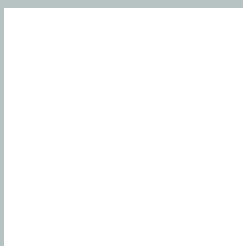
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5578, 52.5459, 58.6220

Background



This preview shows how black text looks on a background with the XYZ color 48.5578, 52.5459, 58.6220.

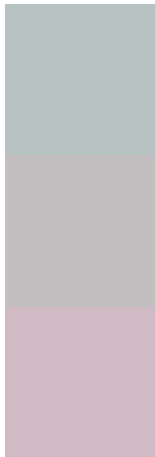


This preview shows how white text looks on a background with the XYZ color 48.5578, 52.5459,

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

48.5578, 52.5459, 58.6220

Protanopia

50.6509, 52.6695, 57.3658

Deuteranopia

53.5351, 52.5132, 59.5390



Tritanopia

50.1197, 52.5186, 66.5270

Trichromacy



Original Color

48.5578, 52.5459, 58.6220

Protanomaly

49.9611, 52.6259, 57.9767

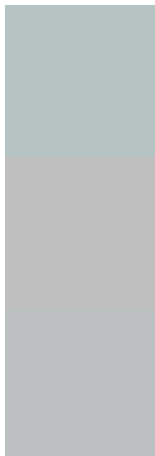
Deuteranomaly

51.6011, 52.4774, 59.0392

Tritanomaly

49.4978, 52.5945, 63.4201

Monochromacy



Original Color

48.5578, 52.5459, 58.6220

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.1031, 52.1964, 57.3561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5578, 52.5459, 58.6220 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(183, 194, 194) looks like.

```
.text, #text, p{  
    color:rgb(183, 194, 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(183, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 194, 194) }
```

Border

The CSS property to change the border of an element to XYZ 48.5578, 52.5459, 58.6220 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(183, 194, 194) }
```


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

```
.border{ border-color:rgb(183, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 194, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 194, 194); box-shadow:4px 4px 4px 4px rgb(183, 194, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5578, 52.5459, 58.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 194, 194) }
```

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

```
.background{ background-color: rgb(183,  
194, 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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