

Converting Colors

XYZ(48.4186, 52.4769, 58.6187)

Have a look what the booklet for
XYZ(48.4186, 52.4769, 58.6187)
contains.

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Color

**XYZ(48.3208, 52.4237,
58.6109)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C2C2
RGB	182, 194, 194
RGB Percent	71%, 76%, 76%
CMY	0.2863, 0.2392, 0.2392
CMYK	0.06, 0.00, 0.00, 0.24
HSL	180°, 9%, 74%
HSV	180°, 6%, 76%
XYZ	48.3208, 52.4237, 58.6109
YIQ	190.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

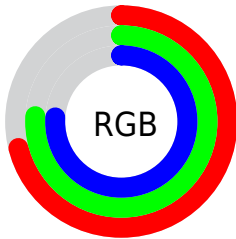
Format	Color
RYB	182, 188, 194
Decimal	11977410
CIELab	77.53, -4.10, -1.43
CIELCh	78, 4.346, 199.191
Yxy	52.4237, 0.3032, 0.3290
Android (android.graphics.Color)	4290167490 (0xFFB6C2C2)
YUV	190.4120, 1.7689, -7.3773
Hunter-Lab	72.4042, -7.5808, 2.6879

Details

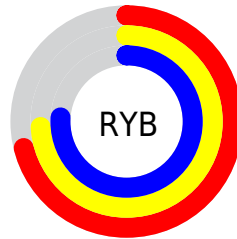
The XYZ color **48.3208, 52.4237, 58.6109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4215, 48.3041, 51.0827**, and the grayscale version is **49.1754, 51.7363, 56.3409**.

A 20% lighter version of the original color is **86.7008, 93.4505, 103.9106**, and **23.1650, 25.3167, 28.4766** is the 20% darker color. If you saturate the color by 10%, you get **44.0527, 50.2249, 58.4093**, and if you desaturate by 10%, it is **53.2267, 54.9542, 58.8445**.

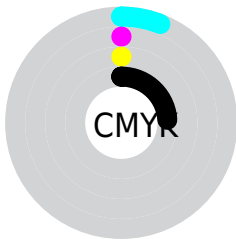
Distribution



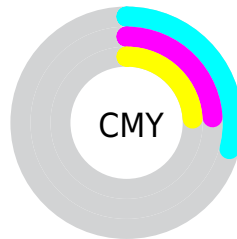
- Red (71%)
- Green (76%)
- Blue (76%)



- Red (71%)
- Yellow (74%)
- Blue (76%)



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



- Cyan (29%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3208, 52.4237, 58.6109 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 48.3208, 52.4237, 58.6109 by changing the saturation by 10% instead.

■ 48.3208, 52.4237,
58.6109

■ 48.3208, 52.4237,
58.6109

370.6238,
396.0702, 437.1201

■ 34.2933, 37.3429,
41.8820

■ 86.8887, 93.7558,
104.3355

■ 23.2830, 25.4731,
28.6840

112.1597,
120.7759, 134.1683

■ 14.9244, 16.4299,
18.5984

141.9094,
152.5446, 169.2061

■ 8.8523, 9.8289,
11.2066

176.5030,
189.4462, 209.8676

■ 4.7013, 5.2856,
6.0901

216.3059,
231.8652, 256.5712

■ 2.1061, 2.4158,
2.8302

261.6834,

■ 0.6925, 0.8340,

280.1859, 309.7354

1.0086

313.0009,
334.7928, 369.7789

■ 0.0000, 0.0000,
0.0000

■ 48.3208, 52.4237,
58.6109

■ 48.3208, 52.4237,
58.6109

■ 44.0527, 50.2249,
58.4093

■ 53.2267, 54.9542,
58.8445

■ 40.3919, 48.3378,
58.2350

■ 58.7903, 57.8223,
59.1079

■ 37.3122, 46.7502,
58.0879

■ 65.0363, 61.0421,
59.4032

■ 34.7837, 45.4468,
57.9666

■ 70.2728, 63.7416,
59.6512

■ 32.7739, 44.4108,
57.8696

■ 70.2734, 63.7418,
59.6542

■ 31.2469, 43.6236,
57.7951

■ 70.2739, 63.7420,
59.6572

■ 30.1622, 43.0645,
57.7414

■ 70.2745, 63.7422,
59.6602

■ 29.4726, 42.7091,
57.7061

■ 70.2751, 63.7425,
59.6632

■ 29.1180, 42.5263,
57.6866

■ 70.2756, 63.7427,
59.6662

Harmonies

Analogous

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



48.2611, 52.4237, 56.2194



48.3208, 52.4237, 58.6109



48.7815, 52.4237, 60.6451

Triad

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



48.3208, 52.4237, 58.6109



51.0567, 52.4237, 60.1499



50.1300, 52.4237, 52.6666

Complementary

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



48.3208, 52.4237, 58.6109



47.4215, 48.3041, 51.0827

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.



50.8877, 52.4237, 53.6584



48.3208, 52.4237, 58.6109



51.4267, 52.4237, 57.9503

Square

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



48.3208, 52.4237, 58.6109



50.3587, 52.4237, 61.5507



51.3645, 52.4237, 55.5770



49.2994, 52.4237, 52.8322

Rectangle

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



48.3208, 52.4237, 58.6109



49.2569, 52.4237, 61.5038



51.3645, 52.4237, 55.5770



50.4018, 52.4237, 52.8745

Sweetspot

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



48.3223, 52.4259, 58.6121



91.0931, 96.8077, 106.3533



47.0755, 51.9327, 51.7997



19.9677, 21.2098, 23.2912



0.0000, 0.0000, 0.0000



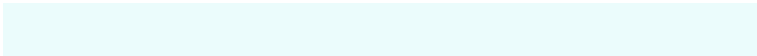
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3223, 52.4259, 58.6121



86.7811, 94.5848, 106.1488



47.0565, 49.8938, 58.1919



10.5524, 11.5233, 12.9524



19.0823, 27.9270, 37.9220



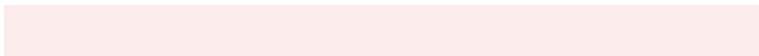
0.8245, 1.2067, 1.6387

Inverse Universe

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



47.4215, 48.3041, 51.0827



84.9171, 86.0551, 90.5678



48.6341, 50.7297, 51.4853



10.3133, 10.4291, 10.9537



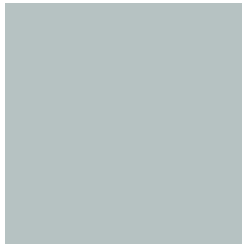
14.6277, 7.5408, 0.6858



0.6321, 0.3258, 0.0298

Previews

White Background



This preview shows how the XYZ color 48.3208, 52.4237, 58.6109 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 48.3208, 52.4237, 58.6109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

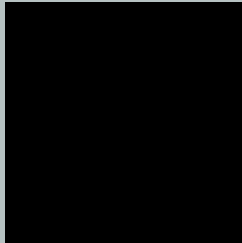
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

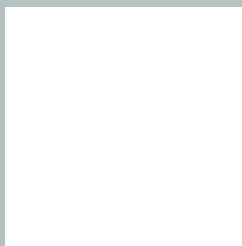
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3208, 52.4237, 58.6109

Background



This preview shows how black text looks on a background with the XYZ color 48.3208, 52.4237, 58.6109.



This preview shows how white text looks on a background with the XYZ color 48.3208, 52.4237,

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

48.3208, 52.4237, 58.6109

Protanopia

50.1760, 52.1020, 57.2813

Deuteranopia

53.3252, 52.0933, 59.4690



Tritanopia

49.8793, 52.3946, 66.5157

Trichromacy



Original Color

48.3208, 52.4237, 58.6109

Protanomaly

49.4916, 52.0590, 57.8920

Deuteranomaly

51.3867, 52.0487, 58.9678

Tritanomaly

49.2591, 52.4715, 63.4089

Monochromacy



Original Color

48.3208, 52.4237, 58.6109

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.5283, 51.5880, 56.6900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3208, 52.4237, 58.6109 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(182, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 194, 194) }
```

Border

The CSS property to change the border of an element to XYZ 48.3208, 52.4237, 58.6109 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(182, 194, 194) }
```


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

```
.border{ border-color:rgb(182, 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(182, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(182, 194,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3208, 52.4237, 58.6109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 194, 194) }
```

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

```
.background{ background-color: rgb(182,  
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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