

Converting Colors

XYZ(48.6466, 54.0307, 59.0644)

Have a look what the booklet for
XYZ(48.6466, 54.0307, 59.0644)
contains.

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Color

**XYZ(48.5221, 53.8669,
58.8789)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C6C2
RGB	179, 198, 194
RGB Percent	70%, 78%, 76%
CMY	0.2980, 0.2235, 0.2392
CMYK	0.10, 0.00, 0.02, 0.22
HSL	167°, 14%, 74%
HSV	167°, 10%, 78%
XYZ	48.5221, 53.8669, 58.8789
YIQ	191.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

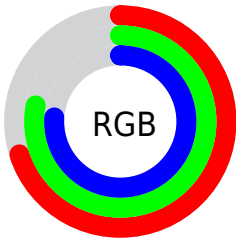
Format	Color
RYB	179, 190, 198
Decimal	11781826
CIELab	78.38, -7.22, -0.21
CIElCh	78, 7.220, 181.664
Yxy	53.8669, 0.3009, 0.3340
Android (android.graphics.Color)	4289971906 (0xFFB3C6C2)
YUV	191.8630, 1.0535, -11.2809
Hunter-Lab	73.3941, -10.4302, 3.8117

Details

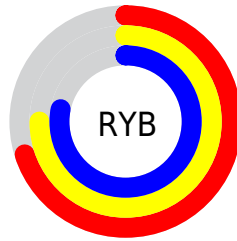
The XYZ color **48.5221, 53.8669, 58.8789** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9580, 47.6663, 51.4751**, and the grayscale version is **50.0225, 52.6276, 57.3114**.

A 20% lighter version of the original color is **87.2763, 96.0843, 104.3887**, and **23.3111, 26.2756, 28.6540** is the 20% darker color. If you saturate the color by 10%, you get **43.8088, 51.4920, 56.2481**, and if you desaturate by 10%, it is **53.9087, 56.5904, 61.6121**.

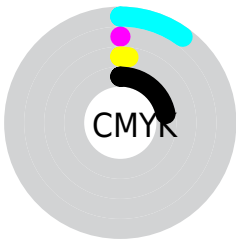
Distribution



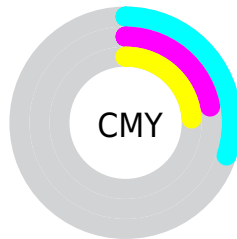
- Red (70%)
- Green (78%)
- Blue (76%)



- Red (70%)
- Yellow (75%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5221, 53.8669, 58.8789 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 48.5221, 53.8669, 58.8789 by changing the saturation by 10% instead.

■ 48.5221, 53.8669,
58.8789

■ 48.5221, 53.8669,
58.8789

371.4061,
401.6023, 438.1424

■ 34.4535, 38.4953,
42.0963

■ 87.1863, 95.8788,
104.7290

■ 23.4067, 26.3673,
28.8505

112.5125,
123.2878, 134.6336

■ 15.0165, 17.0986,
18.7232

142.3220,
155.4781, 169.7493

■ 8.9173, 10.3048,
11.2956

176.9802,
192.8341, 210.4945

■ 4.7440, 5.6015,
6.1494

216.8523,
235.7401, 257.2879

■ 2.1310, 2.6043,
2.8659

262.3038,

■ 0.7060, 0.9288,

284.5805, 310.5480

1.0266

313.6999,
339.7398, 370.6933

■ 0.0000, 0.0000,
0.0000

■ 48.5221, 53.8669,
58.8789

■ 48.5221, 53.8669,
58.8789

■ 43.8088, 51.4920,
56.2481

■ 53.9087, 56.5904,
61.6121

■ 39.7363, 49.4444,
53.7142

■ 59.9904, 59.6692,
64.4460

■ 36.2762, 47.7110,
51.2765

■ 66.7936, 63.1184,
67.3834

■ 33.3960, 46.2751,
48.9329

■ 73.1535, 66.3375,
70.3702

■ 31.0603, 45.1184,
46.6812

■ 73.6824, 66.5491,
73.1550

■ 29.2297, 44.2207,
44.5189

■ 74.2249, 66.7661,
76.0118

■ 27.8595, 43.5588,
42.4434

■ 74.7811, 66.9886,
78.9410

■ 26.8966, 43.1055,
40.4516

■ 75.3513, 67.2166,
81.9433

■ 26.2451, 42.8113,
38.5384

■ 75.9353, 67.4503,
85.0190

Harmonies

Analogous

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



48.8368, 53.8669, 55.0239



48.5221, 53.8669, 58.8789



48.9136, 53.8669, 62.8463

Triad

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



48.5221, 53.8669, 58.8789



52.6432, 53.8669, 65.5508



52.5037, 53.8669, 52.0452

Complementary

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



48.5221, 53.8669, 58.8789



47.9580, 47.6663, 51.4751

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.



53.5543, 53.8669, 54.6484



48.5221, 53.8669, 58.8789



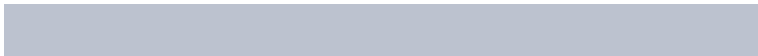
53.6359, 53.8669, 62.4360

Square

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



48.5221, 53.8669, 58.8789



51.2781, 53.8669, 66.8068



53.9723, 53.8669, 58.4255



51.1198, 53.8669, 51.1892

Rectangle

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



48.5221, 53.8669, 58.8789



49.5266, 53.8669, 64.9912



53.9723, 53.8669, 58.4255



52.9084, 53.8669, 52.7388

Sweetspot

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



48.5236, 53.8692, 58.8801



92.0329, 98.4745, 107.4102



47.8887, 53.7268, 50.4950



19.5303, 20.9924, 22.9056



0.0000, 0.0000, 0.0000



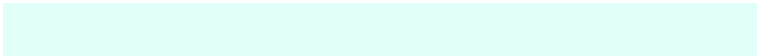
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5236, 53.8692, 58.8801



83.6540, 94.2430, 103.0400



47.7705, 51.6336, 60.8772



10.8473, 12.0278, 13.1461



17.0833, 27.8457, 25.1812



0.8336, 1.3284, 1.3224

Inverse Universe

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



47.9580, 47.6663, 51.4751



82.4053, 80.5474, 86.6912



48.6474, 49.7026, 49.6783



10.7238, 10.6729, 11.5286



15.4395, 7.9253, 2.2581



0.7583, 0.3862, 0.2505

Previews

White Background



This preview shows how the XYZ color 48.5221, 53.8669, 58.8789 looks on a white background.

Color Contrast Check

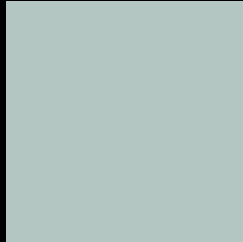
Large Text (above 18pt) WCAG AA × Fail

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 48.5221, 53.8669, 58.8789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

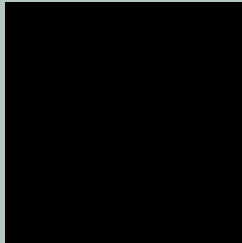
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

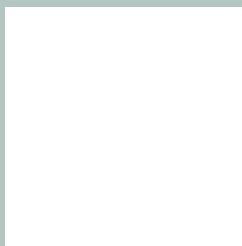
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5221, 53.8669, 58.8789

Background



This preview shows how black text looks on a background with the XYZ color 48.5221, 53.8669, 58.8789.



This preview shows how white text looks on a background with the XYZ color 48.5221, 53.8669,

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

48.5221, 53.8669, 58.8789

Protanopia

51.7626, 53.9073, 56.9672

Deuteranopia

54.8110, 53.8008, 59.7203



Tritanopia

50.5644, 53.6784, 69.3240

Trichromacy



Original Color

48.5221, 53.8669, 58.8789

Protanomaly

50.5154, 53.9124, 57.6128

Deuteranomaly

52.2532, 53.7815, 59.2566

Tritanomaly

49.8154, 53.7114, 65.4994

Monochromacy



Original Color

48.5221, 53.8669, 58.8789

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.4109, 52.9986, 58.0776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5221, 53.8669, 58.8789 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(179, 198, 194)` looks like.

```
.text, #text, p{  
    color:rgb(179, 198, 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(179, 198, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 198, 194) }
```

Border

The CSS property to change the border of an element to XYZ 48.5221, 53.8669, 58.8789 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(179, 198, 194) }
```


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

```
.border{ border-color:rgb(179, 198, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 198, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 198, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 198, 194); box-shadow:4px 4px 4px 4px rgb(179, 198, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5221, 53.8669, 58.8789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 198, 194) }
```

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

```
.background{ background-color: rgb(179,  
198, 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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