

Converting Colors

XYZ(48.4733, 52.0371, 62.8390)

Have a look what the booklet for
XYZ(48.4733, 52.0371, 62.8390)
contains.

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Color

**XYZ(48.4350, 52.0603,
62.7542)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C1C9
RGB	180, 193, 201
RGB Percent	71%, 76%, 79%
CMY	0.2941, 0.2431, 0.2118
CMYK	0.10, 0.04, 0.00, 0.21
HSL	203°, 16%, 75%
HSV	203°, 10%, 79%
XYZ	48.4350, 52.0603, 62.7542
YIQ	190.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

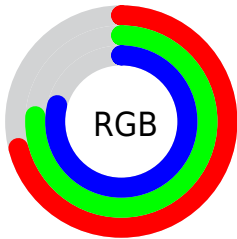
Format	Color
RYB	180, 188, 201
Decimal	11846089
CIELab	77.32, -2.86, -5.55
CIElCh	77, 6.241, 242.760
Yxy	52.0603, 0.2967, 0.3189
Android (android.graphics.Color)	4290036169 (0xFFB4C1C9)
YUV	190.0250, 5.4107, -8.7919
Hunter-Lab	72.1528, -6.4433, -1.0599

Details

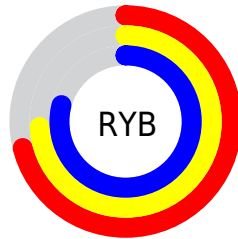
The XYZ color **48.4350, 52.0603, 62.7542** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3091, 51.6790, 50.5044**, and the grayscale version is **48.9333, 51.4816, 56.0635**.

A 20% lighter version of the original color is **86.5178, 92.8042, 107.9608**, and **23.3969, 25.3748, 31.2684** is the 20% darker color. If you saturate the color by 10%, you get **42.4426, 46.5251, 62.0024**, and if you desaturate by 10%, it is **55.1966, 58.1249, 63.5692**.

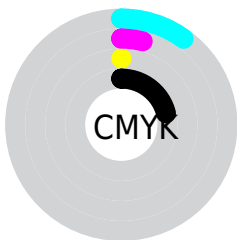
Distribution



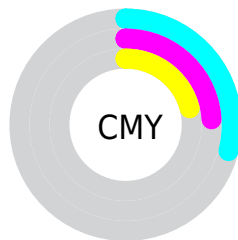
- Red (71%)
- Green (76%)
- Blue (79%)



- Red (71%)
- Yellow (74%)
- Blue (79%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (29%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4350, 52.0603, 62.7542 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 48.4350, 52.0603, 62.7542 by changing the saturation by 10% instead.

■ 48.4350, 52.0603,
62.7542

■ 48.4350, 52.0603,
62.7542

371.0677,
394.6694, 452.7602

■ 34.3842, 37.0531,
45.2027

■ 87.0575, 93.2202,
110.3970

■ 23.3532, 25.2486,
31.2730

112.3599,
120.1417, 141.3253

■ 14.9766, 16.2624,
20.5466

142.1435,
151.8034, 177.5496

■ 8.8892, 9.7100,
12.6050

176.7738,
188.5897, 219.4885

■ 4.7255, 5.2071,
7.0296

216.6159,
230.8851, 267.5604

■ 2.1202, 2.3693,
3.4019

262.0354,

■ 0.7002, 0.8100,

279.0739, 322.1840

1.3033

313.3976,
333.5405, 383.7778

■ 0.0000, 0.0000,
0.0645

■ 0.0000, 0.0000,
0.0000

■ 48.4350, 52.0603,
62.7542

■ 48.4350, 52.0603,
62.7542

■ 42.4426, 46.5251,
62.0024

■ 55.1966, 58.1249,
63.5692

■ 37.1844, 41.4950,
61.3087

■ 62.7515, 64.7290,
64.4458

■ 32.6296, 36.9537,
60.6722

■ 71.1283, 71.8905,
65.3866

■ 28.7428, 32.8808,
60.0909

■ 78.3370, 78.5856,
66.2989

■ 25.4859, 29.2545,
59.5626

■ 80.4362, 82.7840,
66.9986

■ 22.8160, 26.0508,
59.0849

■ 82.6291, 87.1698,
67.7296

■ 20.6849, 23.2423,
58.6552

■ 84.9170, 91.7455,
68.4922

■ 19.0352, 20.7974,
58.2702

■ 87.3008, 96.5133,
69.2868

■ 17.8078, 18.7471,
57.9392

■ 87.5428, 96.9971,
69.3675

Harmonies

Analogous

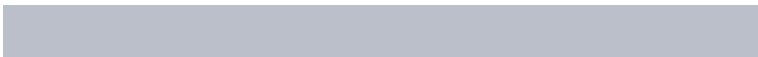
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.5700, 52.0603, 60.3297



48.4350, 52.0603, 62.7542



49.5928, 52.0603, 63.5321

Triad

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



48.4350, 52.0603, 62.7542



51.8182, 52.0603, 56.3677



48.2458, 52.0603, 51.3167

Complementary

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



48.4350, 52.0603, 62.7542



50.3091, 51.6790, 50.5044

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.



49.3709, 52.0603, 50.3481



48.4350, 52.0603, 62.7542



51.4440, 52.0603, 53.1898

Square

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



48.4350, 52.0603, 62.7542



51.5580, 52.0603, 59.7580



50.5435, 52.0603, 51.0200



47.4621, 52.0603, 53.7189

Rectangle

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



48.4350, 52.0603, 62.7542



50.3782, 52.0603, 62.9877



50.5435, 52.0603, 51.0200



48.5960, 52.0603, 50.8171

Sweetspot

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



48.4365, 52.0625, 62.7554



91.3690, 96.7332, 108.4634



48.7547, 55.0954, 55.4733



19.3507, 20.5211, 23.1910



0.0000, 0.0000, 0.0000



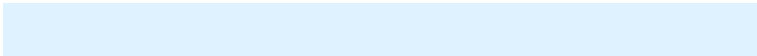
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4365, 52.0625, 62.7554



79.9924, 86.4542, 107.0790



46.2582, 47.7059, 62.0293



10.5943, 11.3627, 13.5523



11.2874, 11.9687, 36.4596



0.6028, 0.7034, 1.7491

Inverse Universe

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



50.0355, 48.9114, 57.2583



83.4050, 79.8563, 95.3186



52.5663, 56.1934, 51.2568



10.9053, 10.7455, 12.4844



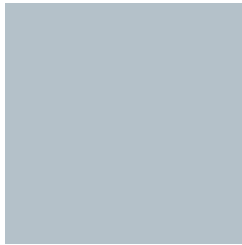
17.4967, 8.7482, 13.0913



0.8630, 0.4280, 0.8015

Previews

White Background



This preview shows how the XYZ color 48.4350, 52.0603, 62.7542 looks on a white background.

Color Contrast Check

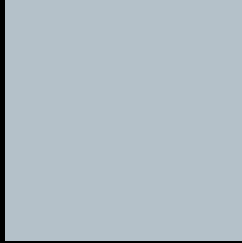
Large Text (above 18pt) WCAG AA × Fail

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 48.4350, 52.0603, 62.7542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

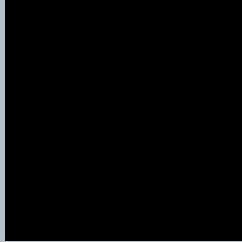
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

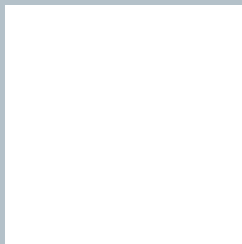
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4350, 52.0603, 62.7542

Background



This preview shows how black text looks on a background with the XYZ color 48.4350, 52.0603, 62.7542.



This preview shows how white text looks on a background with the XYZ color 48.4350, 52.0603,

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

48.4350, 52.0603, 62.7542

Protanopia

50.4605, 52.1569, 61.4406

Deuteranopia

53.0303, 51.8471, 63.7124



Tritanopia

49.1682, 52.0280, 66.4825

Trichromacy



Original Color

48.4350, 52.0603, 62.7542

Protanomaly

49.7952, 52.1231, 62.0799

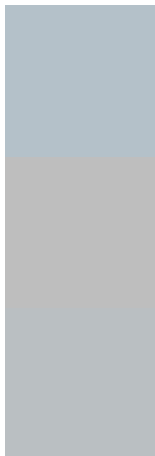
Deuteranomaly

51.1496, 51.8328, 63.1860

Tritanomaly

48.9251, 51.9308, 65.2026

Monochromacy



Original Color

48.4350, 52.0603, 62.7542

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.6181, 51.5957, 58.4355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4350, 52.0603, 62.7542 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(180, 193, 201) looks like.

```
.text, #text, p{  
    color:rgb(180, 193, 201)  
}
```

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(180, 193, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 193, 201) }
```

Border

The CSS property to change the border of an element to XYZ 48.4350, 52.0603, 62.7542 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(180, 193, 201) }
```


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

```
.border{ border-color:rgb(180, 193, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 193, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 193, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 193, 201);  
box-shadow:4px 4px 4px 4px rgb(180, 193,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4350, 52.0603, 62.7542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 193, 201) }
```

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

```
.background{ background-color: rgb(180,  
193, 201) }
```

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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