

Converting Colors

XYZ(48.2708, 51.5601, 59.5571)

Have a look what the booklet for
XYZ(48.2708, 51.5601, 59.5571)
contains.

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Color

**XYZ(48.3419, 51.7521,
59.6658)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C0C4
RGB	183, 192, 196
RGB Percent	72%, 75%, 77%
CMY	0.2823, 0.2470, 0.2314
CMYK	0.07, 0.02, 0.00, 0.23
HSL	198°, 10%, 74%
HSV	198°, 7%, 77%
XYZ	48.3419, 51.7521, 59.6658
YIQ	189.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

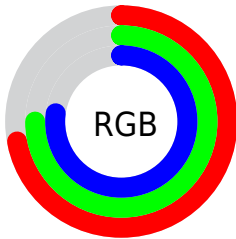
Format	Color
R _Y B	183, 188, 196
Decimal	12042436
CIE Lab	77.13, -2.32, -3.09
CIE LCh	77, 3.863, 233.137
Yxy	51.7521, 0.3026, 0.3239
Android (android.graphics.Color)	4290232516 (0xFFB7C0C4)
YUV	189.7650, 3.0739, -5.9329
Hunter-Lab	71.9389, -5.9438, 1.1824

Details

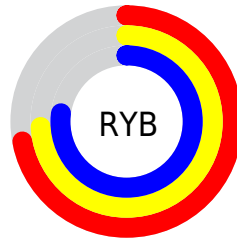
The XYZ color **48.3419, 51.7521, 59.6658** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0827, 50.6949, 51.9988**, and the grayscale version is **48.7952, 51.3364, 55.9053**.

A 20% lighter version of the original color is **86.8936, 92.5774, 106.2179**, and **23.3210, 25.1641, 29.2192** is the 20% darker color. If you saturate the color by 10%, you get **42.7049, 46.9232, 59.0316**, and if you desaturate by 10%, it is **54.6853, 57.0284, 60.3507**.

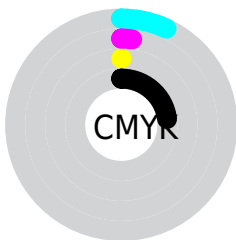
Distribution



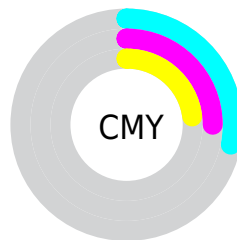
- Red (72%)
- Green (75%)
- Blue (77%)



- Red (72%)
- Yellow (74%)
- Blue (77%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3419, 51.7521, 59.6658 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 48.3419, 51.7521, 59.6658 by changing the saturation by 10% instead.

■ 48.3419, 51.7521,
59.6658

■ 48.3419, 51.7521,
59.6658

370.7058,
393.4788, 441.1352

■ 34.3101, 36.8075,
42.7258

■ 86.9199, 92.7655,
105.8833

■ 23.2959, 25.0585,
29.3402

112.1967,
119.6032, 135.9979

■ 14.9341, 16.1206,
19.0905

141.9527,
151.1740, 171.3411

■ 8.8591, 9.6096,
11.5582

176.5530,
187.8623, 212.3315

■ 4.7058, 5.1409,
6.3248

216.3632,
230.0525, 259.3875

■ 2.1087, 2.3301,
2.9716

261.7484,

■ 0.6939, 0.7896,

278.1291, 312.9278

1.0801

313.0742,
332.4764, 373.3709

■ 0.0000, 0.0000,
0.0000

■ 48.3419, 51.7521,
59.6658

■ 48.3419, 51.7521,
59.6658

■ 42.7049, 46.9232,
59.0316

■ 54.6853, 57.0284,
60.3507

■ 37.7425, 42.5202,
58.4433

■ 61.7564, 62.7598,
61.0843

■ 33.4270, 38.5292,
57.9004

■ 69.5811, 68.9620,
61.8690

■ 29.7270, 34.9330,
57.4013

■ 75.7878, 74.4133,
62.5941

■ 26.6084, 31.7131,
56.9442

■ 77.3612, 77.5601,
63.1186

■ 24.0334, 28.8489,
56.5270

■ 78.9918, 80.8213,
63.6621

■ 21.9595, 26.3175,
56.1477

■ 80.6803, 84.1982,
64.2249

■ 20.3373, 24.0923,
55.8037

■ 82.4271, 87.6918,
64.8072

■ 19.1019, 22.1389,
55.4918

■ 84.2328, 91.3033,
65.4091

Harmonies

Analogous

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



47.8946, 51.7521, 57.9623



48.3419, 51.7521, 59.6658



49.0193, 51.7521, 60.4839

Triad

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



48.3419, 51.7521, 59.6658



50.6121, 51.7521, 56.8366



48.6330, 51.7521, 52.6919

Complementary

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



48.3419, 51.7521, 59.6658



49.0827, 50.6949, 51.9988

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.



49.3587, 51.7521, 52.4075



48.3419, 51.7521, 59.6658



50.5061, 51.7521, 54.7664

Square

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



48.3419, 51.7521, 59.6658



50.3336, 51.7521, 58.8242



50.0456, 51.7521, 53.1579



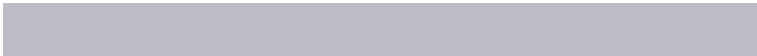
48.0615, 51.7521, 53.9447

Rectangle

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



48.3419, 51.7521, 59.6658



49.5122, 51.7521, 60.4029



50.0456, 51.7521, 53.1579



48.8668, 51.7521, 52.4811

Sweetspot

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



48.3434, 51.7543, 59.6669



92.7003, 98.0491, 108.6473



48.2281, 53.1316, 54.6720



19.8663, 21.0071, 23.2577



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.



48.3434, 51.7543, 59.6669



85.9707, 92.3974, 107.9111



46.9678, 49.0032, 59.2084



10.0988, 10.8889, 12.8543



12.1147, 13.9860, 35.6177



0.5822, 0.7218, 1.5585

Inverse Universe

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



49.2140, 49.4095, 56.8149



87.8904, 87.2704, 101.6127



50.4715, 53.4725, 52.4617



10.3612, 10.1931, 11.9924



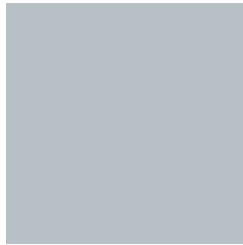
17.5109, 8.6941, 15.8685



0.7862, 0.3875, 0.8418

Previews

White Background



This preview shows how the XYZ color 48.3419, 51.7521, 59.6658 looks on a white background.

Color Contrast Check

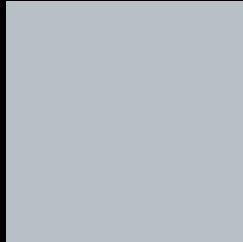
Large Text (above 18pt) WCAG AA × Fail

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 48.3419, 51.7521, 59.6658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

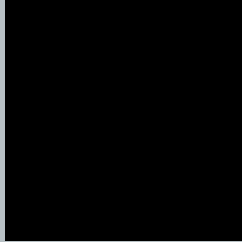
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

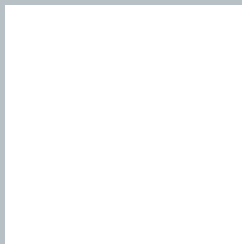
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3419, 51.7521, 59.6658

Background



This preview shows how black text looks on a background with the XYZ color 48.3419, 51.7521, 59.6658.



This preview shows how white text looks on a background with the XYZ color 48.3419, 51.7521,

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

48.3419, 51.7521, 59.6658

Protanopia

49.6734, 51.4967, 58.3607

Deuteranopia

52.6038, 51.7083, 60.0315



Tritanopia

49.7790, 52.0321, 65.8121

Trichromacy



Original Color

48.3419, 51.7521, 59.6658

Protanomaly

49.2500, 51.5859, 58.9911

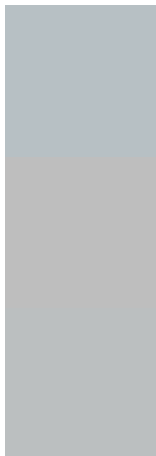
Deuteranomaly

51.0872, 51.8680, 60.1423

Tritanomaly

49.0586, 51.7162, 63.2737

Monochromacy



Original Color

48.3419, 51.7521, 59.6658

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.6387, 51.6322, 57.2716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3419, 51.7521, 59.6658 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, 192, 196)` looks like.

```
.text, #text, p{  
    color:rgb(183, 192, 196)  
}
```

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, 192, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 192, 196) }
```

Border

The CSS property to change the border of an element to XYZ 48.3419, 51.7521, 59.6658 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, 192, 196) }
```


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

```
.border{ border-color:rgb(183, 192, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 192, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 192, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 192, 196);  
box-shadow:4px 4px 4px 4px rgb(183, 192,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3419, 51.7521, 59.6658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 192, 196) }
```

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

```
.background{ background-color: rgb(183,  
192, 196) }
```

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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