

Converting Colors

XYZ(48.3485, 51.6841, 57.5885)

Have a look what the booklet for
XYZ(48.3485, 51.6841, 57.5885)
contains.

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Color

**XYZ(48.4829, 51.8638,
57.9075)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C0C1
RGB	185, 192, 193
RGB Percent	73%, 75%, 76%
CMY	0.2745, 0.2470, 0.2431
CMYK	0.04, 0.01, 0.00, 0.24
HSL	187°, 6%, 74%
HSV	187°, 4%, 76%
XYZ	48.4829, 51.8638, 57.9075
YIQ	190.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

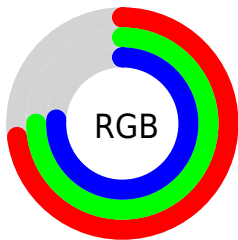
Format	Color
RYB	185, 189, 193
Decimal	12173505
CIELab	77.20, -2.22, -1.35
CIELCh	77, 2.597, 211.348
Yxy	51.8638, 0.3064, 0.3277
Android (android.graphics.Color)	4290363585 (0xFFB9C0C1)
YUV	190.0210, 1.4686, -4.4034
Hunter-Lab	72.0165, -5.8593, 2.7373

Details

The XYZ color **48.4829, 51.8638, 57.9075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3084, 49.9578, 52.9966**, and the grayscale version is **48.9505, 51.4998, 56.0833**.

A 20% lighter version of the original color is **86.9419, 92.6751, 102.9283**, and **23.4820, 25.2642, 28.4498** is the 20% darker color. If you saturate the color by 10%, you get **43.6159, 48.5785, 57.5307**, and if you desaturate by 10%, it is **53.9936, 55.4966, 58.3191**.

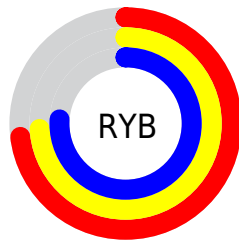
Distribution



Red (73%)

Green (75%)

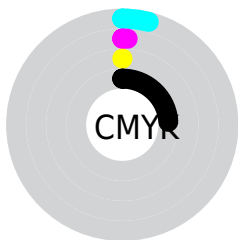
Blue (76%)



Red (73%)

Yellow (74%)

Blue (76%)

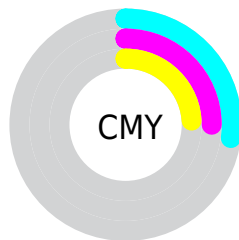


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4829, 51.8638, 57.9075 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 48.4829, 51.8638, 57.9075 by changing the saturation by 10% instead.

■ 48.4829, 51.8638,
57.9075

■ 48.4829, 51.8638,
57.9075

371.2539,
393.9106, 434.4298

■ 34.4223, 36.8965,
41.3201

■ 87.1283, 92.9303,
103.3016

■ 23.3826, 25.1274,
28.2477

112.4438,
119.7984, 132.9453

■ 14.9985, 16.1720,
18.2718

142.2417,
151.4022, 167.7783

■ 8.9047, 9.6459,
10.9738

176.8873,
188.1261, 208.2190

■ 4.7357, 5.1648,
5.9353

216.7460,
230.3544, 254.6859

■ 2.1262, 2.3443,
2.7376

262.1830,

■ 0.7034, 0.7970,

278.4717, 307.5977

0.9623

313.5639,
332.8623, 367.3728

■ 0.0000, 0.0000,
0.0000

■ 48.4829, 51.8638,
57.9075

■ 48.4829, 51.8638,
57.9075

■ 43.6159, 48.5785,
57.5307

■ 53.9936, 55.4966,
58.3191

■ 39.3627, 45.6210,
57.1840

■ 60.1674, 59.4827,
58.7631

■ 35.6979, 42.9794,
56.8673

■ 67.0284, 63.8361,
59.2417

■ 32.5924, 40.6388,
56.5792

■ 71.8987, 67.1762,
59.6297

■ 30.0145, 38.5828,
56.3182

■ 72.4662, 68.3111,
59.8189

■ 27.9296, 36.7935,
56.0827

■ 73.0425, 69.4637,
60.0110

■ 26.2986, 35.2506,
55.8709

■ 73.6276, 70.6340,
60.2060

■ 25.0766, 33.9309,
55.6805

■ 74.2217, 71.8222,
60.4041

■ 24.2092, 32.8064,
55.5092

■ 74.8247, 73.0282,
60.6051

Harmonies

Analogous

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



48.3452, 51.8638, 56.5353



48.4829, 51.8638, 57.9075



48.8379, 51.8638, 58.9082

Triad

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



48.4829, 51.8638, 57.9075



50.1388, 51.8638, 57.7941



49.2725, 51.8638, 53.7772

Complementary

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



48.4829, 51.8638, 57.9075



48.3084, 49.9578, 52.9966

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.



49.7549, 51.8638, 54.1017



48.4829, 51.8638, 57.9075



50.2571, 51.8638, 56.4064

Square

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



48.4829, 51.8638, 57.9075



49.7941, 51.8638, 58.8419



50.1161, 51.8638, 55.0582



48.7992, 51.8638, 54.1644

Rectangle

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



48.4829, 51.8638, 57.9075



49.1513, 51.8638, 59.2216



50.1161, 51.8638, 55.0582



49.4390, 51.8638, 53.8067

Sweetspot

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



48.4844, 51.8660, 57.9086



89.7969, 94.8588, 103.9371



47.9343, 51.9975, 53.9282



19.2750, 20.3574, 22.2988



92.9021, 97.7402, 106.4391



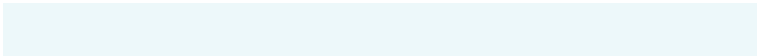
19.4759, 20.4902, 22.3138

Same Dimension

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



48.4844, 51.8660, 57.9086



85.9729, 92.3159, 103.6478



47.6316, 50.1604, 57.6244



10.6748, 11.4875, 12.9395



15.8722, 21.5010, 36.8702



0.7164, 0.9903, 1.6033

Inverse Universe

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



48.8569, 49.8422, 56.9172



86.7866, 87.9073, 101.4796



49.1492, 51.6392, 53.2768



10.7870, 10.8805, 12.6403



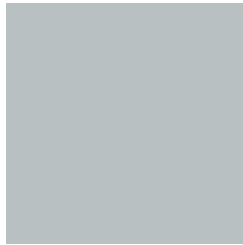
19.4075, 9.4528, 25.8559



0.8540, 0.4146, 1.1986

Previews

White Background



This preview shows how the XYZ color 48.4829, 51.8638, 57.9075 looks on a white background.

Color Contrast Check

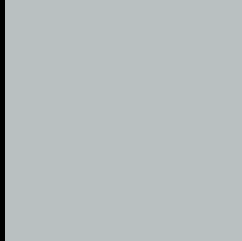
Large Text (above 18pt) WCAG AA × Fail

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 48.4829, 51.8638, 57.9075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

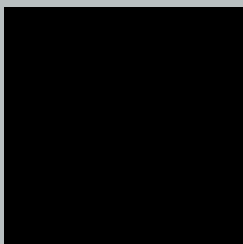
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

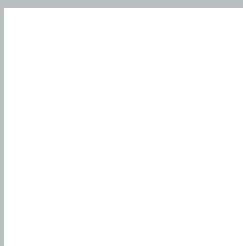
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4829, 51.8638, 57.9075

Background



This preview shows how black text looks on a background with the XYZ color 48.4829, 51.8638, 57.9075.

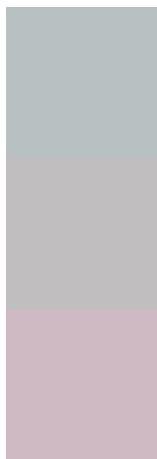


This preview shows how white text looks on a background with the XYZ color 48.4829, 51.8638,

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

48.4829, 51.8638, 57.9075

Protanopia

49.9202, 51.9701, 57.2693

Deuteranopia

52.8187, 51.8584, 58.2648



Tritanopia

49.9264, 51.7995, 65.1245

Trichromacy



Original Color

48.4829, 51.8638, 57.9075

Protanomaly

49.3804, 52.0145, 57.3064

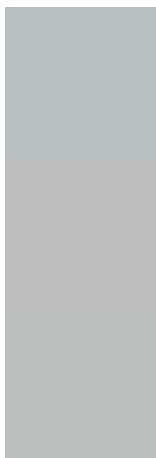
Deuteranomaly

51.2740, 52.0036, 58.3742

Tritanomaly

49.4231, 51.9178, 62.6746

Monochromacy



Original Color

48.4829, 51.8638, 57.9075

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.7738, 51.7146, 56.7015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4829, 51.8638, 57.9075 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(185, 192, 193) looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 193)  
}
```

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(185, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 48.4829, 51.8638, 57.9075 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(185, 192, 193) }
```


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

```
.border{ border-color:rgb(185, 192, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(185, 192,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4829, 51.8638, 57.9075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 193) }
```

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

```
.background{ background-color: rgb(185,  
192, 193) }
```

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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