

Converting Colors

XYZ(45.6375, 49.5963, 58.1908)

Have a look what the booklet for
XYZ(45.6375, 49.5963, 58.1908)
contains.

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Color

**XYZ(45.8303, 49.8359,
58.2427)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBEC2
RGB	175, 190, 194
RGB Percent	69%, 75%, 76%
CMY	0.3137, 0.2549, 0.2392
CMYK	0.10, 0.02, 0.00, 0.24
HSL	193°, 13%, 72%
HSV	193°, 10%, 76%
XYZ	45.8303, 49.8359, 58.2427
YIQ	185.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

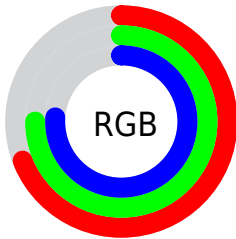
Format	Color
RYB	175, 183, 194
Decimal	11517634
CIELab	75.97, -4.34, -3.79
CIELCh	76, 5.756, 221.126
Yxy	49.8359, 0.2978, 0.3238
Android (android.graphics.Color)	4289707714 (0xFFAFBEC2)
YUV	185.9710, 3.9583, -9.6216
Hunter-Lab	70.5945, -7.6574, 0.5001

Details

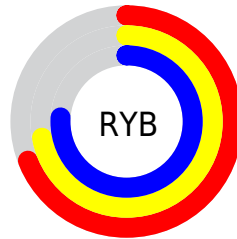
The XYZ color **45.8303, 49.8359, 58.2427** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1064, 46.8046, 47.1626**, and the grayscale version is **46.6397, 49.0686, 53.4357**.

A 20% lighter version of the original color is **83.1661, 89.8026, 103.3928**, and **21.7053, 23.9223, 28.2844** is the 20% darker color. If you saturate the color by 10%, you get **40.9137, 46.0086, 57.7639**, and if you desaturate by 10%, it is **51.4001, 54.0394, 58.7613**.

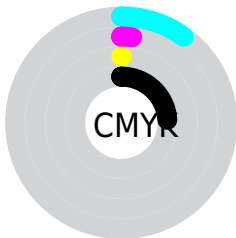
Distribution



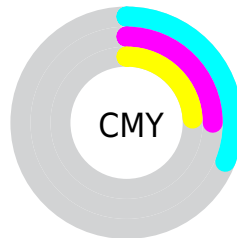
- Red (69%)
- Green (75%)
- Blue (76%)



- Red (69%)
- Yellow (72%)
- Blue (76%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.8303, 49.8359, 58.2427 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 45.8303, 49.8359, 58.2427 by changing the saturation by 10% instead.

■ 45.8303, 49.8359,
58.2427

■ 45.8303, 49.8359,
58.2427

360.8534,
386.0239, 435.7132

■ 32.3160, 35.2830,
41.5878

■ 83.1944, 89.9317,
103.7945

■ 21.7597, 23.8810,
28.4555

107.7749,
116.2434, 133.5284

■ 13.7960, 15.2454,
18.4273

136.7748,
147.2435, 168.4591

■ 8.0597, 8.9918,
11.0846

170.5595,
183.3164, 209.0052

■ 4.1853, 4.7358,
6.0089

209.4944,
224.8465, 255.5850

■ 1.8075, 2.0931,
2.7816

253.9447,

■ 0.5222, 0.6607,

272.2182, 308.6173

0.9842

304.2759,
325.8158, 368.5205

■ 0.0000, 0.0000,
0.0000

■ 45.8303, 49.8359,
58.2427

■ 45.8303, 49.8359,
58.2427

■ 40.9137, 46.0086,
57.7639

■ 51.4001, 54.0394,
58.7613

■ 36.6193, 42.5371,
57.3201

■ 57.6439, 58.6261,
59.3175

■ 32.9199, 39.4085,
56.9112

■ 64.5870, 63.6106,
59.9137

■ 29.7844, 36.6065,
56.5357

■ 72.2520, 69.0049,
60.5509

■ 27.1790, 34.1133,
56.1918

■ 74.1261, 71.4518,
60.9244

■ 25.0661, 31.9093,
55.8777

■ 75.1493, 73.4982,
61.2655

■ 23.4029, 29.9720,
55.5914

■ 76.1984, 75.5964,
61.6152

■ 22.1389, 28.2751,
55.3305

■ 77.2736, 77.7468,
61.9736

■ 21.1784, 26.7689,
55.0904

■ 78.3751, 79.9497,
62.3407

Harmonies

Analogous

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



45.3718, 49.8359, 55.4110



45.8303, 49.8359, 58.2427



46.7032, 49.8359, 60.0482

Triad

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



45.8303, 49.8359, 58.2427



49.3468, 49.8359, 56.1969



46.9705, 49.8359, 48.6690

Complementary

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



45.8303, 49.8359, 58.2427



46.1064, 46.8046, 47.1626

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.



48.0381, 49.8359, 48.8615



45.8303, 49.8359, 58.2427



49.4210, 49.8359, 53.1306

Square

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



45.8303, 49.8359, 58.2427



48.7375, 49.8359, 58.8366



48.9388, 49.8359, 50.4685



46.0234, 49.8359, 49.9324

Rectangle

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



45.8303, 49.8359, 58.2427



47.4081, 49.8359, 60.3876



48.9388, 49.8359, 50.4685



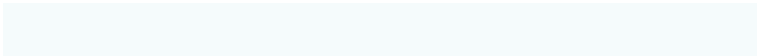
47.3270, 49.8359, 48.5669

Sweetspot

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



45.8317, 49.8380, 58.2438



89.7076, 95.3519, 106.1465



45.0884, 50.9450, 49.9998



19.4618, 20.7434, 23.2281



0.0000, 0.0000, 0.0000



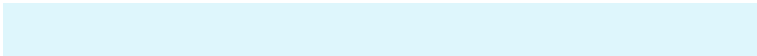
20.3446, 21.4041, 23.3091

Same Dimension

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



45.8317, 49.8380, 58.2438



80.7932, 88.5692, 105.3071



43.8807, 45.9359, 57.5935



10.1829, 11.0570, 12.8824



13.9724, 17.7014, 36.2369



0.6499, 0.8572, 1.5811

Inverse Universe

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



46.8735, 45.8481, 55.0966



83.1171, 79.7636, 98.2656



48.0342, 50.6601, 47.8052



10.4036, 10.2100, 12.2159



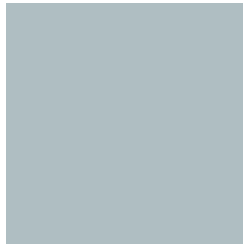
18.4486, 9.0692, 20.8063



0.8204, 0.4012, 1.0218

Previews

White Background



This preview shows how the XYZ color 45.8303, 49.8359, 58.2427 looks on a white background.

Color Contrast Check

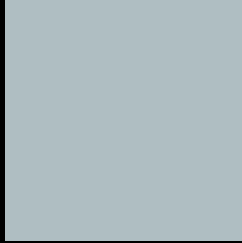
Large Text (above 18pt) WCAG AA × Fail

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 45.8303, 49.8359, 58.2427 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

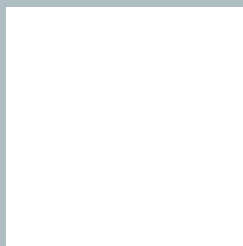
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.8303, 49.8359, 58.2427

Background



This preview shows how black text looks on a background with the XYZ color 45.8303, 49.8359, 58.2427.



This preview shows how white text looks on a background with the XYZ color 45.8303, 49.8359,

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

45.8303, 49.8359, 58.2427

Protanopia

48.0596, 49.7424, 56.9374

Deuteranopia

50.5751, 49.4508, 59.1039



Tritanopia

47.1086, 50.0541, 63.6784

Trichromacy



Original Color

45.8303, 49.8359, 58.2427

Protanomaly

47.1631, 49.5813, 57.5365

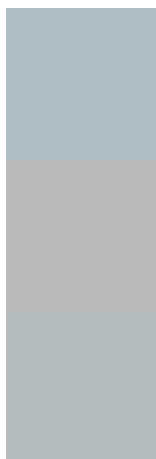
Deuteranomaly

48.7290, 49.4276, 58.6019

Tritanomaly

46.5274, 49.7954, 61.8028

Monochromacy



Original Color

45.8303, 49.8359, 58.2427

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.2470, 49.1599, 55.1954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8303, 49.8359, 58.2427 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(175, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(175, 190, 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(175, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 190, 194) }
```

Border

The CSS property to change the border of an element to XYZ 45.8303, 49.8359, 58.2427 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(175, 190, 194) }
```


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

```
.border{ border-color:rgb(175, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(175, 190,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8303, 49.8359, 58.2427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 190, 194) }
```

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

```
.background{ background-color: rgb(175,  
190, 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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