

Converting Colors

XYZ(45.6164, 49.9565, 58.4614)

Have a look what the booklet for
XYZ(45.6164, 49.9565, 58.4614)
contains.

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Color

**XYZ(45.6020, 50.0409,
58.2943)**

Conversions

Conversions Part 1

Format	Color
Hex	ADBFC2
RGB	173, 191, 194
RGB Percent	68%, 75%, 76%
CMY	0.3216, 0.2510, 0.2392
CMYK	0.11, 0.02, 0.00, 0.24
HSL	189°, 15%, 72%
HSV	189°, 11%, 76%
XYZ	45.6020, 50.0409, 58.2943
YIQ	185.9600, -11.6910, -2.8830

Conversions

Conversions Part 2

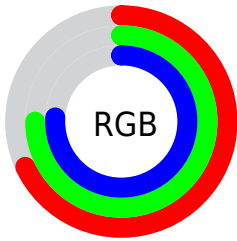
Format	Color
R_{YB}	173, 183, 194
Decimal	11386818
CIE Lab	76.09, -5.53, -3.62
CIE LCh	76, 6.608, 213.180
Yxy	50.0409, 0.2962, 0.3251
Android (android.graphics.Color)	4289576898 (0xFFADBFC2)
YUV	185.9600, 3.9637, -11.3659
Hunter-Lab	70.7396, -8.7250, 0.6587

Details

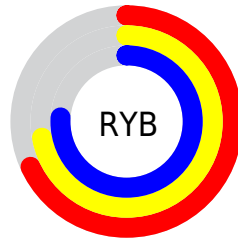
The XYZ color **45.6020, 50.0409, 58.2943** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3166, 45.5369, 45.9371**, and the grayscale version is **46.6341, 49.0627, 53.4293**.

A 20% lighter version of the original color is **82.8292, 90.0817, 103.4644**, and **21.7073, 24.1354, 28.3254** is the 20% darker color. If you saturate the color by 10%, you get **41.0220, 46.7932, 57.9096**, and if you desaturate by 10%, it is **50.8192, 53.6367, 58.7142**.

Distribution



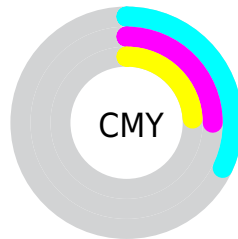
- Red (68%)
- Green (75%)
- Blue (76%)



- Red (68%)
- Yellow (72%)
- Blue (76%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (32%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6020, 50.0409, 58.2943 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 45.6020, 50.0409, 58.2943 by changing the saturation by 10% instead.

■ 45.6020, 50.0409,
58.2943

■ 45.6020, 50.0409,
58.2943

359.9491,
386.8259, 435.9105

■ 32.1352, 35.4459,
41.6290

■ 82.8546, 90.2355,
103.8703

■ 21.6208, 24.0066,
28.4875

107.3710,
116.6038, 133.6181

■ 13.6936, 15.3385,
18.4512

136.3013,
147.6654, 168.5639

■ 7.9881, 9.0573,
11.1017

170.0109,
183.8047, 209.1261

■ 4.1391, 4.7786,
6.0202

208.8651,
225.4059, 255.7233

■ 1.7811, 2.1179,
2.7884

253.2293,

■ 0.5063, 0.6747,

272.8536, 308.7741

0.9876

303.4688,
326.5321, 368.6970

■ 0.0000, 0.0000,
0.0000

■ 45.6020, 50.0409,
58.2943

■ 45.6020, 50.0409,
58.2943

■ 41.0220, 46.7932,
57.9096

■ 50.8192, 53.6367,
58.7142

■ 37.0482, 43.8735,
57.5555

■ 56.6944, 57.5875,
59.1671

■ 33.6531, 41.2690,
57.2317

■ 63.2530, 61.9076,
59.6553

■ 30.8058, 38.9635,
56.9368

■ 70.5174, 66.6088,
60.1798

■ 28.4722, 36.9393,
56.6691

■ 72.7728, 68.7451,
60.4733

■ 26.6143, 35.1769,
56.4268

■ 73.4403, 70.0803,
60.6958

■ 25.1888, 33.6538,
56.2080

■ 74.1197, 71.4390,
60.9223

■ 24.1443, 32.3435,
56.0101

■ 74.8109, 72.8213,
61.1527

■ 23.4310, 31.2817,
55.8427

■ 75.5140, 74.2275,
61.3870

Harmonies

Analogous

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



45.2300, 50.0409, 54.8643



45.6020, 50.0409, 58.2943



46.4987, 50.0409, 60.7850

Triad

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



45.6020, 50.0409, 58.2943



49.7137, 50.0409, 57.6132



47.4307, 50.0409, 47.9724

Complementary

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



45.6020, 50.0409, 58.2943



45.3166, 45.5369, 45.9371

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.



48.6421, 50.0409, 48.6380



45.6020, 50.0409, 58.2943



49.9736, 50.0409, 54.1095

Square

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



45.6020, 50.0409, 58.2943



48.8742, 50.0409, 60.3800



49.5781, 50.0409, 50.8473



46.2743, 50.0409, 48.9887

Rectangle

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



45.6020, 50.0409, 58.2943



47.2809, 50.0409, 61.5233



49.5781, 50.0409, 50.8473



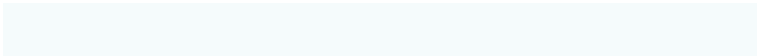
47.8450, 50.0409, 48.0070

Sweetspot

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



45.6034, 50.0430, 58.2954



89.8678, 95.6723, 106.1999



44.3429, 50.5953, 48.4002



19.5062, 20.8322, 23.2429



0.0000, 0.0000, 0.0000



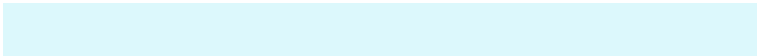
20.3446, 21.4041, 23.3091

Same Dimension

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



45.6034, 50.0430, 58.2954



80.5414, 89.2062, 105.4433



43.4350, 45.7060, 57.5726



10.2421, 11.1754, 12.9021



15.4509, 20.6582, 36.7297



0.7019, 0.9612, 1.5984

Inverse Universe

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



46.5968, 45.1191, 55.5456



82.7117, 78.5355, 99.4164



47.4139, 49.7317, 46.6362



10.4335, 10.2220, 12.3732



19.1948, 9.3677, 24.7359



0.8467, 0.4117, 1.1599

Previews

White Background



This preview shows how the XYZ color 45.6020, 50.0409, 58.2943 looks on a white background.

Color Contrast Check

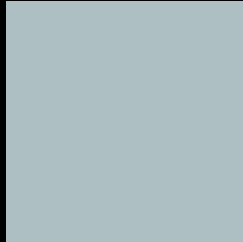
Large Text (above 18pt) WCAG AA × Fail

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 45.6020, 50.0409, 58.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

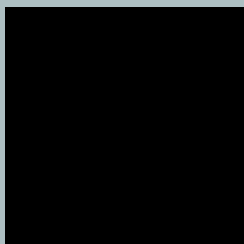
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

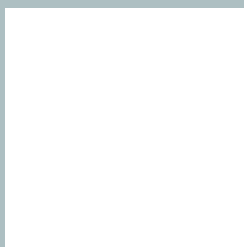
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.6020, 50.0409, 58.2943

Background



This preview shows how black text looks on a background with the XYZ color 45.6020, 50.0409, 58.2943.



This preview shows how white text looks on a background with the XYZ color 45.6020, 50.0409,

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

45.6020, 50.0409, 58.2943

Protanopia

47.9491, 49.6982, 56.3557

Deuteranopia

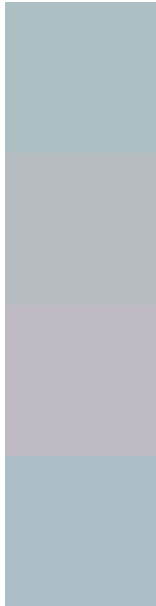
51.0489, 49.9980, 59.1846



Tritanopia

46.7759, 49.8688, 64.2870

Trichromacy



Original Color

45.6020, 50.0409, 58.2943

Protanomaly

47.0261, 49.8395, 57.0106

Deuteranomaly

48.6851, 49.7144, 58.6596

Tritanomaly

46.2943, 49.9957, 61.8537

Monochromacy



Original Color

45.6020, 50.0409, 58.2943

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.2246, 49.4643, 55.2554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6020, 50.0409, 58.2943 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(173, 191, 194)` looks like.

```
.text, #text, p{  
    color:rgb(173, 191, 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(173, 191, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 191, 194) }
```

Border

The CSS property to change the border of an element to XYZ 45.6020, 50.0409, 58.2943 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(173, 191, 194) }
```


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

```
.border{ border-color:rgb(173, 191, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 191, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 191, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 191, 194);  
box-shadow:4px 4px 4px 4px rgb(173, 191,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6020, 50.0409, 58.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 191, 194) }
```

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

```
.background{ background-color: rgb(173,  
191, 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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