

Converting Colors

XYZ(45.7944, 50.6313, 58.2804)

Have a look what the booklet for
XYZ(45.7944, 50.6313, 58.2804)
contains.

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Color

**XYZ(45.8208, 50.8056,
58.4304)**

Conversions

Conversions Part 1

Format	Color
Hex	ACC1C2
RGB	172, 193, 194
RGB Percent	67%, 76%, 76%
CMY	0.3255, 0.2431, 0.2392
CMYK	0.11, 0.01, 0.00, 0.24
HSL	183°, 15%, 72%
HSV	183°, 11%, 76%
XYZ	45.8208, 50.8056, 58.4304
YIQ	186.8350, -12.8370, -4.1410

Conversions

Conversions Part 2

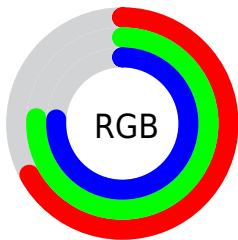
Format	Color
R _Y B	172, 183, 194
Decimal	11321794
CIE Lab	76.56, -6.92, -2.94
CIE LCh	77, 7.515, 203.012
Yxy	50.8056, 0.2955, 0.3277
Android (android.graphics.Color)	4289511874 (0xFFACC1C2)
YUV	186.8350, 3.5323, -13.0103
Hunter-Lab	71.2780, -9.9886, 1.2915

Details

The XYZ color **45.8208, 50.8056, 58.4304** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6384, 44.3348, 45.2353**, and the grayscale version is **47.1282, 49.5825, 53.9953**.

A 20% lighter version of the original color is **83.1259, 91.1475, 103.6545**, and **21.7120, 24.3518, 28.3670** is the 20% darker color. If you saturate the color by 10%, you get **41.6766, 48.3828, 58.1820**, and if you desaturate by 10%, it is **50.5907, 53.5554, 58.7106**.

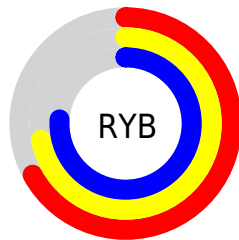
Distribution



Red (67%)

Green (76%)

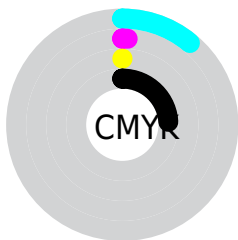
Blue (76%)



Red (67%)

Yellow (72%)

Blue (76%)

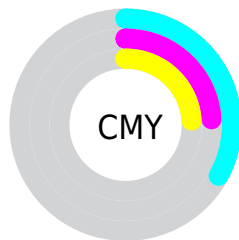


Cyan (11%)

Magenta (1%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.8208, 50.8056, 58.4304 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 45.8208, 50.8056, 58.4304 by changing the saturation by 10% instead.

■ 45.8208, 50.8056,
58.4304

■ 45.8208, 50.8056,
58.4304

360.8158,
389.8080, 436.4308

■ 32.3085, 36.0539,
41.7378

■ 83.1803, 91.3674,
104.0703

■ 21.7539, 24.4758,
28.5720

107.7581,
117.9462, 133.8547

■ 13.7918, 15.6870,
18.5145

136.7551,
149.2363, 168.8401

■ 8.0567, 9.3029,
11.1467

170.5367,
185.6219, 209.4450

■ 4.1834, 4.9393,
6.0502

209.4682,
227.4875, 256.0879

■ 1.8064, 2.2117,
2.8064

253.9150,

■ 0.5215, 0.7264,

275.2174, 309.1875

0.9966

304.2424,
329.1962, 369.1623

■ 0.0000, 0.0000,
0.0000

■ 45.8208, 50.8056,
58.4304

■ 45.8208, 50.8056,
58.4304

■ 41.6766, 48.3828,
58.1820

■ 50.5907, 53.5554,
58.7106

■ 38.1268, 46.2668,
57.9606

■ 56.0070, 56.6388,
59.0202

■ 35.1442, 44.4449,
57.7662

■ 62.0951, 60.0702,
59.3617

■ 32.6976, 42.9010,
57.5971

■ 68.8775, 63.8613,
59.7360

■ 30.7527, 41.6175,
57.4519

■ 71.0352, 65.2700,
59.8942

■ 29.2716, 40.5748,
57.3287

■ 71.2360, 65.6715,
59.9611

■ 28.2106, 39.7503,
57.2255

■ 71.4379, 66.0755,
60.0284

■ 27.5178, 39.1173,
57.1398

■ 71.6411, 66.4817,
60.0961

■ 27.1302, 38.6801,
57.0758

■ 71.8454, 66.8903,
60.1642

Harmonies

Analogous

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



45.6309, 50.8056, 54.3733



45.8208, 50.8056, 58.4304



46.6659, 50.8056, 61.7989

Triad

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



45.8208, 50.8056, 58.4304



50.5019, 50.8056, 60.1552



48.6220, 50.8056, 47.9184

Complementary

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



45.8208, 50.8056, 58.4304



44.6384, 44.3348, 45.2353

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.



49.9497, 50.8056, 49.3080



45.8208, 50.8056, 58.4304



51.0487, 50.8056, 56.2749

Square

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



45.8208, 50.8056, 58.4304



49.3638, 50.8056, 62.8283



50.8447, 50.8056, 52.3194



47.2303, 50.8056, 48.4326

Rectangle

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



45.8208, 50.8056, 58.4304



47.4963, 50.8056, 63.1345



50.8447, 50.8056, 52.3194



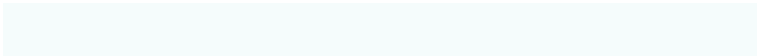
49.0909, 50.8056, 48.1760

Sweetspot

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



45.8223, 50.8077, 58.4315



90.0991, 96.1350, 106.2770



43.8229, 50.3619, 46.8119



19.5704, 20.9605, 23.2643



0.0000, 0.0000, 0.0000



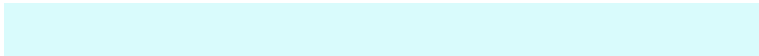
20.3446, 21.4041, 23.3091

Same Dimension

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



45.8223, 50.8077, 58.4315



80.7389, 90.7244, 105.7260



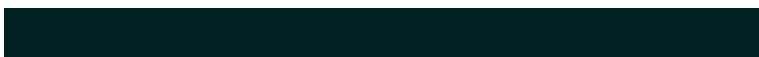
43.5343, 46.2318, 57.6689



10.3282, 11.3476, 12.9308



17.8538, 25.4641, 37.5307



0.7837, 1.1248, 1.6257

Inverse Universe

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



46.6274, 44.8256, 56.6492



82.5371, 77.4159, 101.7338



46.7805, 48.6190, 45.9494



10.4769, 10.2394, 12.6021



20.4077, 9.8528, 31.1229



0.8880, 0.4282, 1.3774

Previews

White Background



This preview shows how the XYZ color 45.8208, 50.8056, 58.4304 looks on a white background.

Color Contrast Check

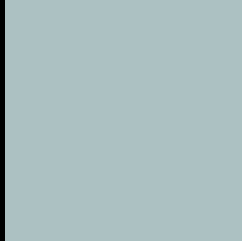
Large Text (above 18pt) WCAG AA × Fail

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 45.8208, 50.8056, 58.4304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

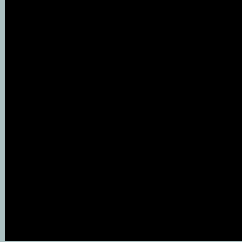
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.8208, 50.8056, 58.4304

Background



This preview shows how black text looks on a background with the XYZ color 45.8208, 50.8056, 58.4304.



This preview shows how white text looks on a background with the XYZ color 45.8208, 50.8056,

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

45.8208, 50.8056, 58.4304

Protanopia

48.8730, 50.8044, 56.5206

Deuteranopia

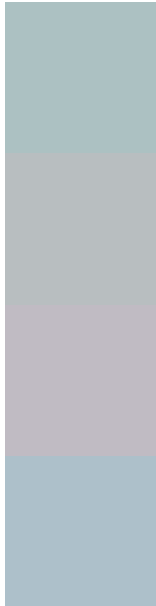
51.5259, 50.5490, 59.2658



Tritanopia

47.2269, 50.7165, 65.6927

Trichromacy



Original Color

45.8208, 50.8056, 58.4304

Protanomaly

47.6950, 50.8230, 57.1652

Deuteranomaly

49.3589, 50.6872, 58.8119

Tritanomaly

46.7439, 50.8478, 63.2281

Monochromacy



Original Color

45.8208, 50.8056, 58.4304

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.7833, 50.0580, 55.9116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8208, 50.8056, 58.4304 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(172, 193, 194)` looks like.

```
.text, #text, p{  
    color:rgb(172, 193, 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(172, 193, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 193, 194) }
```

Border

The CSS property to change the border of an element to XYZ 45.8208, 50.8056, 58.4304 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(172, 193, 194) }
```


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

```
.border{ border-color:rgb(172, 193, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 193, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 193, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 193, 194);  
box-shadow:4px 4px 4px 4px rgb(172, 193,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8208, 50.8056, 58.4304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 193, 194) }
```

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

```
.background{ background-color: rgb(172,  
193, 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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