

Converting Colors

XYZ(43.2463, 45.9386, 58.5610)

Have a look what the booklet for
XYZ(43.2463, 45.9386, 58.5610)
contains.

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Color

**XYZ(43.2693, 45.9875,
58.8205)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB6C4
RGB	170, 182, 196
RGB Percent	67%, 71%, 77%
CMY	0.3333, 0.2863, 0.2314
CMYK	0.13, 0.07, 0.00, 0.23
HSL	212°, 18%, 72%
HSV	212°, 13%, 77%
XYZ	43.2693, 45.9875, 58.8205
YIQ	180.0080, -11.6460, 1.8100

Conversions

Conversions Part 2

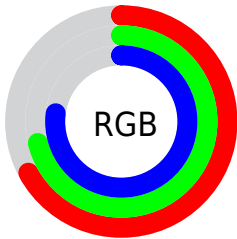
Format	Color
R _Y B	170, 178, 196
Decimal	11187908
CIE Lab	73.54, -1.30, -8.51
CIE LCh	74, 8.611, 261.312
Yxy	45.9875, 0.2922, 0.3106
Android (android.graphics.Color)	4289377988 (0xFFAAB6C4)
YUV	180.0080, 7.8841, -8.7770
Hunter-Lab	67.8141, -4.7813, -3.9570

Details

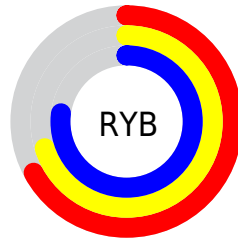
The XYZ color **43.2693, 45.9875, 58.8205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1613, 48.9187, 44.9876**, and the grayscale version is **43.3513, 45.6090, 49.6682**.

A 20% lighter version of the original color is **79.3555, 84.2485, 105.0076**, and **20.2040, 21.5051, 28.6772** is the 20% darker color. If you saturate the color by 10%, you get **37.2641, 39.8048, 57.9443**, and if you desaturate by 10%, it is **50.0718, 52.8254, 59.7826**.

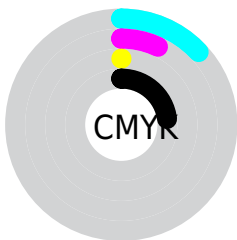
Distribution



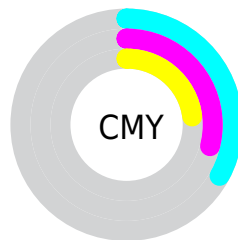
- Red (67%)
- Green (71%)
- Blue (77%)



- Red (67%)
- Yellow (70%)
- Blue (77%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2693, 45.9875, 58.8205 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 43.2693, 45.9875, 58.8205 by changing the saturation by 10% instead.

■ 43.2693, 45.9875,
58.8205

■ 43.2693, 45.9875,
58.8205

350.6209,
370.7584, 437.9197

■ 30.2919, 32.2360,
42.0496

■ 79.3703, 84.2003,
104.6433

■ 20.2094, 21.5418,
28.8143

103.2246,
109.4303, 134.5322

■ 12.6565, 13.5206,
18.6960

131.4352,
139.2553, 169.6309

■ 7.2678, 7.7880,
11.2762

164.3675,
174.0597, 210.3579

■ 3.6780, 3.9596,
6.1364

202.3869,
214.2277, 257.1318

■ 1.5216, 1.6510,
2.8581

245.8587,

■ 0.3405, 0.3916,

260.1440, 310.3710

1.0226

295.1482,
312.1927, 370.4941

■ 0.0000, 0.0000,
0.0000

■ 43.2693, 45.9875,
58.8205

■ 43.2693, 45.9875,
58.8205

■ 37.2641, 39.8048,
57.9443

■ 50.0718, 52.8254,
59.7826

■ 32.0208, 34.2500,
57.1485

■ 57.6970, 60.3332,
60.8298

■ 27.5069, 29.3023,
56.4314

■ 66.1744, 68.5321,
61.9655

■ 23.6863, 24.9373,
55.7903

■ 75.5306, 77.4407,
63.1919

■ 20.5191, 21.1285,
55.2220

■ 80.8446, 84.5268,
64.2796

■ 17.9612, 17.8471,
54.7235

■ 83.9518, 90.7412,
65.3154

■ 15.9623, 15.0606,
54.2910

■ 86.9639, 96.7656,
66.3194

■ 14.4623, 12.7314,
53.9205

■ 13.6610, 11.3797,
53.7018

Harmonies

Analogous

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



41.9063, 45.9875, 56.9018



43.2693, 45.9875, 58.8205



44.7817, 45.9875, 58.2912

Triad

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



43.2693, 45.9875, 58.8205



46.4924, 45.9875, 47.0886



41.4656, 45.9875, 45.0156

Complementary

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



43.2693, 45.9875, 58.8205



47.1613, 48.9187, 44.9876

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.



42.6550, 45.9875, 42.6652



43.2693, 45.9875, 58.8205



45.5641, 45.9875, 43.8129

Square

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



43.2693, 45.9875, 58.8205



46.6661, 45.9875, 51.3489



44.1532, 45.9875, 42.2381



40.8809, 45.9875, 48.8176

Rectangle

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



43.2693, 45.9875, 58.8205



45.6698, 45.9875, 56.6336



44.1532, 45.9875, 42.2381



41.8066, 45.9875, 44.0389

Sweetspot

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



43.2707, 45.9894, 58.8215



89.6696, 94.6628, 108.1534



44.9560, 51.4818, 52.8425



18.9823, 20.0517, 23.1198



0.0000, 0.0000, 0.0000



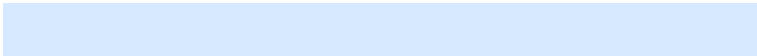
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2707, 45.9894, 58.8215



74.9888, 79.8440, 106.0668



41.1049, 41.3788, 58.0457



9.9029, 10.4971, 12.7890



8.8619, 7.4803, 34.5334



0.4518, 0.4609, 1.5150

Inverse Universe

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



45.5842, 43.8635, 50.3222



80.0502, 75.3396, 87.4400



49.5365, 54.0028, 45.8437



10.2623, 10.1535, 11.4717



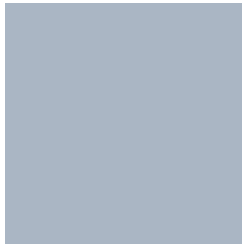
15.8690, 8.0374, 7.2224



0.7204, 0.3612, 0.4951

Previews

White Background



This preview shows how the XYZ color 43.2693, 45.9875, 58.8205 looks on a white background.

Color Contrast Check

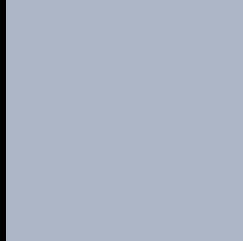
Large Text (above 18pt) WCAG AA × Fail

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 43.2693, 45.9875, 58.8205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

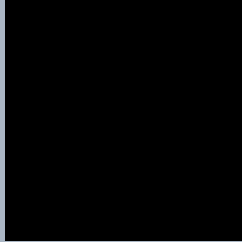
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2693, 45.9875, 58.8205

Background



This preview shows how black text looks on a background with the XYZ color 43.2693, 45.9875, 58.8205.



This preview shows how white text looks on a background with the XYZ color 43.2693, 45.9875,

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

43.2693, 45.9875, 58.8205

Protanopia

44.6801, 45.8385, 57.5318

Deuteranopia

46.6432, 45.6383, 59.1740



Tritanopia

43.2693, 45.9875, 58.8205

Trichromacy



Original Color

43.2693, 45.9875, 58.8205

Protanomaly

44.0761, 45.8128, 58.1494

Deuteranomaly

45.5269, 45.9393, 59.2910

Tritanomaly

43.2693, 45.9875, 58.8205

Monochromacy



Original Color

43.2693, 45.9875, 58.8205

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2913, 45.8230, 53.0174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2693, 45.9875, 58.8205 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(170, 182, 196)` looks like.

```
.text, #text, p{  
    color:rgb(170, 182, 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(170, 182, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 182, 196) }
```

Border

The CSS property to change the border of an element to XYZ 43.2693, 45.9875, 58.8205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

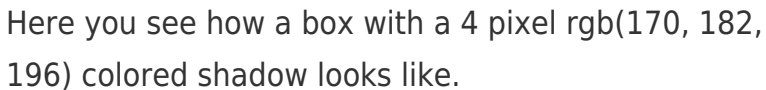
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 182, 196) }
```


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

```
.border{ border-color:rgb(170, 182, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 182, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 182, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 182, 196); box-shadow:4px 4px 4px 4px rgb(170, 182, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2693, 45.9875, 58.8205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 182, 196) }
```

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

```
.background{ background-color: rgb(170,  
182, 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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