

Converting Colors

XYZ(43.9516, 46.0445, 60.8537)

Have a look what the booklet for
XYZ(43.9516, 46.0445, 60.8537)
contains.

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Color

**XYZ(43.8459, 45.9419,
60.5896)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB5C7
RGB	172, 181, 199
RGB Percent	67%, 71%, 78%
CMY	0.3255, 0.2902, 0.2196
CMYK	0.14, 0.09, 0.00, 0.22
HSL	220°, 19%, 73%
HSV	220°, 14%, 78%
XYZ	43.8459, 45.9419, 60.5896
YIQ	180.3610, -11.1420, 3.6900

Conversions

Conversions Part 2

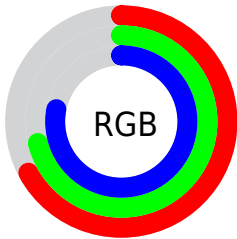
Format	Color
RYB	172, 179, 199
Decimal	11318727
CIELab	73.51, 0.53, -10.18
CIELCh	74, 10.194, 272.969
Yxy	45.9419, 0.2916, 0.3055
Android (android.graphics.Color)	4289508807 (0xFFACB5C7)
YUV	180.3610, 9.1890, -7.3326
Hunter-Lab	67.7805, -3.1475, -5.5536

Details

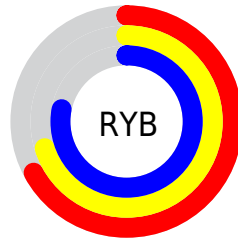
The XYZ color **43.8459, 45.9419, 60.5896** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4133, 51.9473, 46.4531**, and the grayscale version is **43.5339, 45.8010, 49.8773**.

A 20% lighter version of the original color is **80.3291, 84.2824, 106.6421**, and **20.5757, 21.4757, 29.8488** is the 20% darker color. If you saturate the color by 10%, you get **37.2314, 38.7178, 59.5446**, and if you desaturate by 10%, it is **51.3740, 54.0206, 61.7529**.

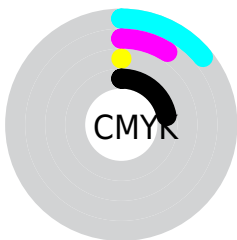
Distribution



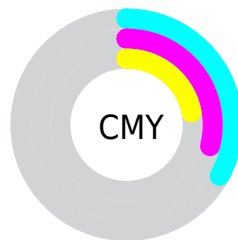
- Red (67%)
- Green (71%)
- Blue (78%)



- Red (67%)
- Yellow (70%)
- Blue (78%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8459, 45.9419, 60.5896 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 43.8459, 45.9419, 60.5896 by changing the saturation by 10% instead.

■ 43.8459, 45.9419,
60.5896

■ 43.8459, 45.9419,
60.5896

352.9419,
370.5750, 444.6325

■ 30.7468, 32.2000,
43.4656

■ 80.2336, 84.1320,
107.2362

■ 20.5570, 21.5143,
29.9165

104.2529,
109.3490, 137.5960

■ 12.9112, 13.5004,
19.5237

132.6429,
139.1599, 173.2047

■ 7.4440, 7.7741,
11.8687

165.7691,
173.9489, 214.4810

■ 3.7901, 3.9507,
6.5329

203.9967,
214.1005, 261.8434

■ 1.5841, 1.6460,
3.0977

247.6911,

■ 0.3820, 0.3883,

259.9992, 315.7104

1.1448

297.2177,
312.0292, 376.5006

■ 0.0000, 0.0000,
0.0000

■ 43.8459, 45.9419,
60.5896

■ 43.8459, 45.9419,
60.5896

■ 37.2314, 38.7178,
59.5446

■ 51.3740, 54.0206,
61.7529

■ 31.4902, 32.3134,
58.6110

■ 59.8456, 62.9760,
63.0350

■ 26.5852, 26.6997,
57.7859

■ 69.2944, 72.8363,
64.4402

■ 22.4747, 21.8434,
57.0652

■ 79.7509, 83.6267,
65.9718

■ 19.1132, 17.7091,
56.4444

■ 84.9103, 92.1063,
67.3366

■ 16.4503, 14.2578,
55.9186

■ 87.3089, 96.9036,
68.1362

■ 14.4286, 11.4460,
55.4824

■ 12.9803, 9.2242,
55.1299

■ 12.2778, 8.0613,
54.9425

Harmonies

Analogous

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



42.1122, 45.9419, 59.3824



43.8459, 45.9419, 60.5896



45.5771, 45.9419, 58.8087

Triad

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



43.8459, 45.9419, 60.5896



46.6351, 45.9419, 44.8202



40.6553, 45.9419, 45.6517

Complementary

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



43.8459, 45.9419, 60.5896



49.4133, 51.9473, 46.4531

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.



41.8098, 45.9419, 42.1589



43.8459, 45.9419, 60.5896



45.2584, 45.9419, 41.7025

Square

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



43.8459, 45.9419, 60.5896



47.2150, 45.9419, 49.5113



43.4874, 45.9419, 40.7623



40.3002, 45.9419, 50.5381

Rectangle

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



43.8459, 45.9419, 60.5896



46.4882, 45.9419, 56.2334



43.4874, 45.9419, 40.7623



40.9612, 45.9419, 44.2874

Sweetspot

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



43.8473, 45.9438, 60.5906



89.2657, 93.8550, 108.0188



46.6826, 53.3164, 56.2892



18.8802, 19.8475, 23.0858



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.



43.8473, 45.9438, 60.5906



73.5294, 76.9251, 105.5804



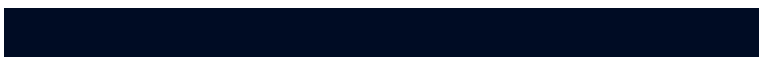
42.9780, 42.8654, 60.0422



10.3408, 10.8557, 13.4678



7.9674, 5.3287, 35.3530



0.4442, 0.3862, 1.6963

Inverse Universe

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



46.6473, 44.9843, 49.9425



79.3136, 75.0450, 83.5609



50.3634, 55.4217, 47.0736



10.7773, 10.6943, 11.8106



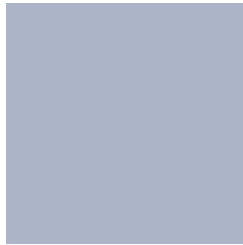
15.8209, 8.0779, 4.2667



0.7829, 0.3960, 0.3799

Previews

White Background



This preview shows how the XYZ color 43.8459, 45.9419, 60.5896 looks on a white background.

Color Contrast Check

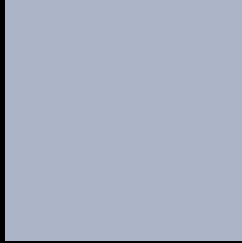
Large Text (above 18pt) WCAG AA × Fail

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 43.8459, 45.9419, 60.5896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

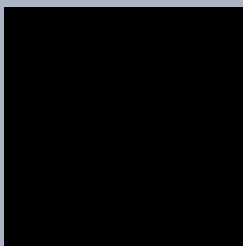
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

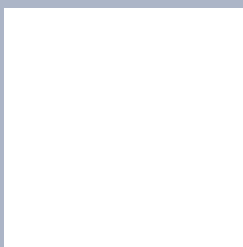
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8459, 45.9419, 60.5896

Background



This preview shows how black text looks on a background with the XYZ color 43.8459, 45.9419, 60.5896.



This preview shows how white text looks on a background with the XYZ color 43.8459, 45.9419,

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

43.8459, 45.9419, 60.5896

Protanopia

44.6732, 45.7824, 59.9084

Deuteranopia

46.9369, 46.0396, 61.0563



Tritanopia

43.4863, 46.0993, 58.8306

Trichromacy



Original Color

43.8459, 45.9419, 60.5896

Protanomaly

44.4188, 45.9498, 59.9542

Deuteranomaly

45.8742, 46.0782, 61.1197

Tritanomaly

43.6006, 46.1450, 59.4322

Monochromacy



Original Color

43.8459, 45.9419, 60.5896

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.4224, 45.5775, 53.5224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8459, 45.9419, 60.5896 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, 181, 199)` looks like.

```
.text, #text, p{  
    color:rgb(172, 181, 199)  
}
```

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, 181, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 181, 199) }
```

Border

The CSS property to change the border of an element to XYZ 43.8459, 45.9419, 60.5896 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, 181, 199) }
```


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

```
.border{ border-color:rgb(172, 181, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 181, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 181, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 181, 199);  
box-shadow:4px 4px 4px 4px rgb(172, 181,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8459, 45.9419, 60.5896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 181, 199) }
```

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

```
.background{ background-color: rgb(172,  
181, 199) }
```

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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