

Converting Colors

XYZ(43.7309, 45.5391, 59.6644)

Have a look what the booklet for
XYZ(43.7309, 45.5391, 59.6644)
contains.

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Color

**XYZ(43.7479, 45.6040,
59.9228)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB4C6
RGB	173, 180, 198
RGB Percent	68%, 71%, 78%
CMY	0.3216, 0.2941, 0.2235
CMYK	0.13, 0.09, 0.00, 0.22
HSL	223°, 18%, 73%
HSV	223°, 13%, 78%
XYZ	43.7479, 45.6040, 59.9228
YIQ	179.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

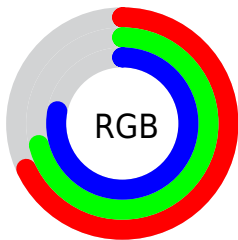
Format	Color
RYB	173, 178, 198
Decimal	11384006
CIELab	73.29, 1.19, -9.95
CIElCh	73, 10.024, 276.807
Yxy	45.6040, 0.2931, 0.3055
Android (android.graphics.Color)	4289574086 (0xFFADB4C6)
YUV	179.9590, 8.8942, -6.1030
Hunter-Lab	67.5307, -2.5425, -5.3389

Details

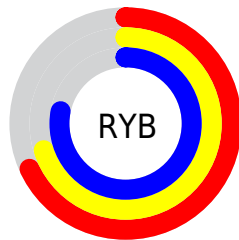
The XYZ color **43.7479, 45.6040, 59.9228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4626, 52.2843, 47.0210**, and the grayscale version is **43.3192, 45.5751, 49.6313**.

A 20% lighter version of the original color is **80.3586, 83.8689, 106.5607**, and **20.5086, 21.2573, 29.4077** is the 20% darker color. If you saturate the color by 10%, you get **36.9590, 38.0509, 58.8234**, and if you desaturate by 10%, it is **51.4844, 54.0873, 61.1532**.

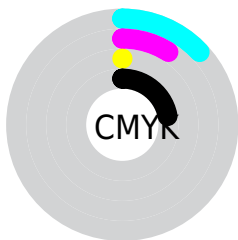
Distribution



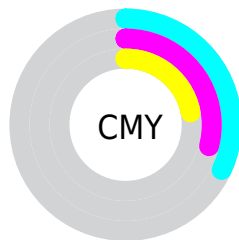
- Red (68%)
- Green (71%)
- Blue (78%)



- Red (68%)
- Yellow (70%)
- Blue (78%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (32%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7479, 45.6040, 59.9228 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 43.7479, 45.6040, 59.9228 by changing the saturation by 10% instead.

■ 43.7479, 45.6040,
59.9228

■ 43.7479, 45.6040,
59.9228

352.5481,
369.2143, 442.1099

■ 30.6694, 31.9334,
42.9315

■ 80.0870, 83.6260,
106.2599

■ 20.4978, 21.3107,
29.5004

104.0783,
108.7463, 136.4429

■ 12.8678, 13.3513,
19.2109

132.4379,
138.4519, 171.8601

■ 7.4139, 7.6709,
11.6444

165.5312,
173.1273, 212.9302

■ 3.7709, 3.8851,
6.3824

203.7235,
213.1569, 260.0717

■ 1.5734, 1.6095,
3.0065

247.3802,

■ 0.3750, 0.3640,

258.9249, 313.7031

1.0979

296.8666,
310.8160, 374.2430

■ 0.0000, 0.0000,
0.0000

■ 43.7479, 45.6040,
59.9228

■ 43.7479, 45.6040,
59.9228

■ 36.9590, 38.0509,
58.8234

■ 51.4844, 54.0873,
61.1532

■ 31.0762, 31.3898,
57.8478

■ 60.1995, 63.5260,
62.5157

■ 26.0610, 25.5882,
56.9923

■ 69.9279, 73.9511,
64.0152

■ 21.8704, 20.6093,
56.2521

■ 80.7015, 85.3908,
65.6555

■ 18.4576, 16.4137,
55.6222

■ 86.0162, 94.5034,
67.1343

■ 15.7708, 12.9581,
55.0968

■ 87.1932, 96.8573,
67.5266

■ 13.7514, 10.1946,
54.6698

■ 12.3303, 8.0686,
54.3343

■ 11.5813, 6.8536,
54.1393

Harmonies

Analogous

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



42.0250, 45.6040, 59.1154



43.7479, 45.6040, 59.9228



45.4063, 45.6040, 57.8334

Triad

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



43.7479, 45.6040, 59.9228



46.1140, 45.6040, 44.0673



40.3059, 45.6040, 45.9320

Complementary

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



43.7479, 45.6040, 59.9228



49.4626, 52.2843, 47.0210

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.



41.3475, 45.6040, 42.2865



43.7479, 45.6040, 59.9228



44.6929, 45.6040, 41.2620

Square

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



43.7479, 45.6040, 59.9228



46.7960, 45.6040, 48.5142



42.9450, 45.6040, 40.6327



40.0684, 45.6040, 50.8136

Rectangle

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



43.7479, 45.6040, 59.9228



46.2418, 45.6040, 55.1570



42.9450, 45.6040, 40.6327



40.5723, 45.6040, 44.5317

Sweetspot

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



43.7493, 45.6059, 59.9238



89.0985, 93.5206, 107.9630



46.8233, 53.0312, 57.0111



18.8380, 19.7631, 23.0717



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.



43.7493, 45.6059, 59.9238



74.1871, 77.1257, 105.5844



43.5933, 43.4796, 59.5216



10.2945, 10.7631, 13.4524



7.5946, 4.5831, 35.2287



0.4224, 0.3426, 1.6890

Inverse Universe

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



46.4716, 45.1892, 49.4553



79.9177, 76.3286, 83.5299



49.6239, 54.6889, 47.4766



10.7539, 10.6850, 11.6876



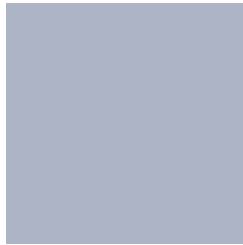
15.6327, 8.0027, 3.2759



0.7719, 0.3916, 0.3221

Previews

White Background



This preview shows how the XYZ color 43.7479, 45.6040, 59.9228 looks on a white background.

Color Contrast Check

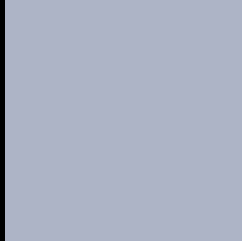
Large Text (above 18pt) WCAG AA × Fail

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 43.7479, 45.6040, 59.9228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

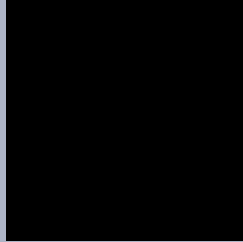
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

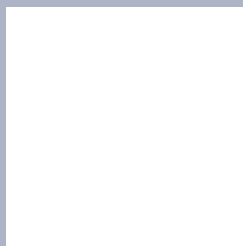
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7479, 45.6040, 59.9228

Background



This preview shows how black text looks on a background with the XYZ color 43.7479, 45.6040, 59.9228.



This preview shows how white text looks on a background with the XYZ color 43.7479, 45.6040,

59.9228.

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

43.7479, 45.6040, 59.9228

Protanopia

44.5582, 45.7364, 59.3029

Deuteranopia

46.3778, 45.4748, 60.3660



Tritanopia

43.3875, 45.7585, 58.1753

Trichromacy



Original Color

43.7479, 45.6040, 59.9228

Protanomaly

44.1026, 45.5015, 59.2815

Deuteranomaly

45.5594, 45.6351, 60.4400

Tritanomaly

43.5009, 45.8039, 58.7728

Monochromacy



Original Color

43.7479, 45.6040, 59.9228

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 43.7479, 45.6040, 59.9228 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, 180, 198)` looks like.

```
.text, #text, p{  
    color:rgb(173, 180, 198)  
}
```

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, 180, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.7479, 45.6040, 59.9228 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, 180, 198) }
```


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

```
.border{ border-color:rgb(173, 180, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 180, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 198);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7479, 45.6040, 59.9228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 198) }
```

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

```
.background{ background-color: rgb(173,  
180, 198) }
```

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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