

Converting Colors

XYZ(40.7331, 43.6369, 58.1581)

Have a look what the booklet for
XYZ(40.7331, 43.6369, 58.1581)
contains.

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Color

**XYZ(40.8707, 43.8617,
57.9418)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B3C3
RGB	162, 179, 195
RGB Percent	64%, 70%, 76%
CMY	0.3647, 0.2980, 0.2353
CMYK	0.17, 0.08, 0.00, 0.24
HSL	209°, 22%, 70%
HSV	209°, 17%, 76%
XYZ	40.8707, 43.8617, 57.9418
YIQ	175.7410, -15.2680, 1.3720

Conversions

Conversions Part 2

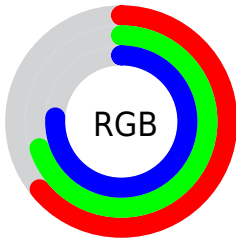
Format	Color
R _Y B	162, 173, 195
Decimal	10662851
CIE Lab	72.14, -2.50, -10.11
CIE LCh	72, 10.418, 256.100
Yxy	43.8617, 0.2865, 0.3074
Android (android.graphics.Color)	4288852931 (0xFFA2B3C3)
YUV	175.7410, 9.4947, -12.0509
Hunter-Lab	66.2282, -5.7434, -5.5120

Details

The XYZ color **40.8707, 43.8617, 57.9418** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.9480, 46.0514, 40.7031**, and the grayscale version is **41.0909, 43.2308, 47.0783**.

A 20% lighter version of the original color is **75.8943, 81.1967, 103.7679**, and **18.6990, 20.1598, 28.1050** is the 20% darker color. If you saturate the color by 10%, you get **35.3827, 38.3167, 57.1615**, and if you desaturate by 10%, it is **47.1055, 49.9868, 58.7962**.

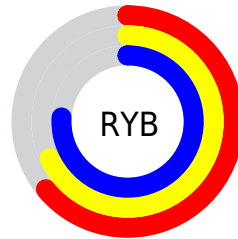
Distribution



Red (64%)

Green (70%)

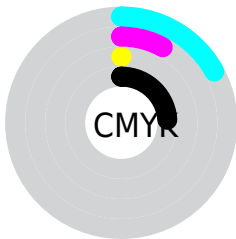
Blue (76%)



Red (64%)

Yellow (68%)

Blue (76%)

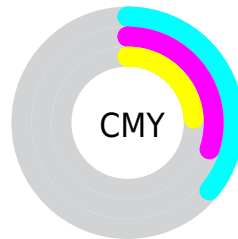


Cyan (17%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (36%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8707, 43.8617, 57.9418 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 40.8707, 43.8617, 57.9418 by changing the saturation by 10% instead.

■ 40.8707, 43.8617,
57.9418

■ 40.8707, 43.8617,
57.9418

340.8517,
362.1436, 434.5612

■ 28.4053, 30.5618,
41.3475

■ 75.7635, 81.0096,
103.3520

■ 18.7734, 20.2654,
28.2689

■ 98.9216, 105.6264,
133.0050

■ 11.6097, 12.5881,
18.2877

126.3747,
134.7842, 167.8480

■ 6.5488, 7.1455,
10.9852

158.4881,
168.8676, 208.2995

■ 3.2254, 3.5533,
5.9428

195.6271,
208.2608, 254.7780

■ 1.2740, 1.4270,
2.7421

238.1572,

■ 0.1637, 0.2365,

253.3483, 307.7021

0.9645

286.4436,
304.5144, 367.4903

■ 0.0000, 0.0000,
0.0000

■ 40.8707, 43.8617,
57.9418

■ 40.8707, 43.8617,
57.9418

■ 35.3827, 38.3167,
57.1615

■ 47.1055, 49.9868,
58.7962

■ 30.6068, 33.3267,
56.4500

■ 54.1120, 56.7052,
59.7236

■ 26.5111, 28.8724,
55.8061

■ 61.9189, 64.0363,
60.7272

■ 23.0598, 24.9312,
55.2273

■ 70.5521, 71.9972,
61.8088

■ 20.2133, 21.4785,
54.7109

■ 78.3603, 79.7398,
62.8918

■ 17.9272, 18.4871,
54.2540

■ 81.0063, 85.0318,
63.7738

■ 16.1501, 15.9259,
53.8533

■ 83.7963, 90.6118,
64.7038

■ 14.8135, 13.7548,
53.5046

■ 86.7324, 96.4841,
65.6825

■ 14.4527, 13.1447,
53.4059

■ 86.8505, 96.7202,
65.7218

Harmonies

Analogous

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



39.3559, 43.8617, 55.1912



40.8707, 43.8617, 57.9418



42.6476, 43.8617, 57.8308

Triad

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



40.8707, 43.8617, 57.9418



45.0722, 43.8617, 45.0854



39.2664, 43.8617, 41.2654

Complementary

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



40.8707, 43.8617, 57.9418



44.9480, 46.0514, 40.7031

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.



40.7453, 43.8617, 38.9284



40.8707, 43.8617, 57.9418



44.1130, 43.8617, 41.0240

Square

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



40.8707, 43.8617, 57.9418



45.1081, 43.8617, 50.1567



42.5186, 43.8617, 38.8432



38.4477, 43.8617, 45.4369

Rectangle

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



40.8707, 43.8617, 57.9418



43.7429, 43.8617, 56.1425



42.5186, 43.8617, 38.8432



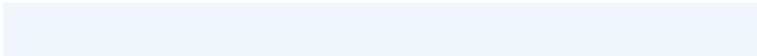
39.7008, 43.8617, 40.2527

Sweetspot

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



40.8720, 43.8635, 57.9428



86.5753, 91.6649, 105.5999



42.4471, 49.9247, 49.4932



18.7699, 19.8908, 23.1000



0.0000, 0.0000, 0.0000



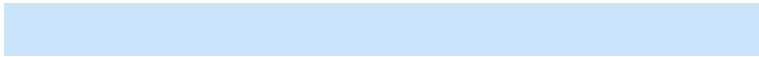
20.3446, 21.4041, 23.3091

Same Dimension

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



40.8720, 43.8635, 57.9428



69.7245, 75.0801, 103.2868



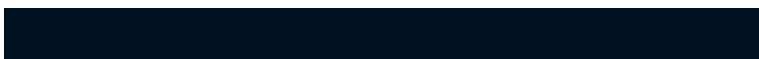
37.7689, 37.6573, 56.9084



9.9478, 10.5870, 12.8040



9.4779, 8.7123, 34.7387



0.4783, 0.5140, 1.5239

Inverse Universe

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



43.5637, 40.6984, 48.2094



75.4191, 68.6018, 82.6460



48.4201, 52.9957, 41.8605



10.2850, 10.1626, 11.5912



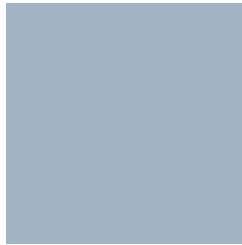
16.1800, 8.1617, 8.8598



0.7338, 0.3665, 0.5657

Previews

White Background



This preview shows how the XYZ color 40.8707, 43.8617, 57.9418 looks on a white background.

Color Contrast Check

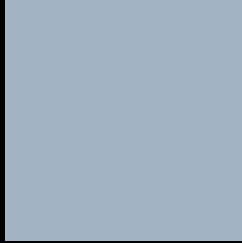
Large Text (above 18pt) WCAG AA × Fail

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 40.8707, 43.8617, 57.9418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

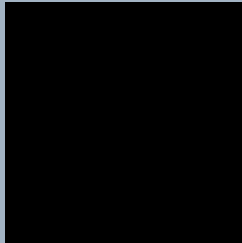
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8707, 43.8617, 57.9418

Background



This preview shows how black text looks on a background with the XYZ color 40.8707, 43.8617, 57.9418.



This preview shows how white text looks on a background with the XYZ color 40.8707, 43.8617,

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

40.8707, 43.8617, 57.9418

Protanopia

42.6348, 43.6242, 56.6253

Deuteranopia

44.7239, 43.8049, 58.3225



Tritanopia

40.7580, 43.8166, 57.3482

Trichromacy



Original Color

40.8707, 43.8617, 57.9418

Protanomaly

41.8405, 43.4918, 57.2285

Deuteranomaly

43.4252, 43.9926, 58.4272

Tritanomaly

40.7580, 43.8166, 57.3482

Monochromacy



Original Color

40.8707, 43.8617, 57.9418

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.0640, 43.5211, 51.0359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8707, 43.8617, 57.9418 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(162, 179, 195) looks like.

```
.text, #text, p{  
    color:rgb(162, 179, 195)  
}
```

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(162, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 179, 195) }
```

Border

The CSS property to change the border of an element to XYZ 40.8707, 43.8617, 57.9418 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(162, 179, 195) }
```


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

```
.border{ border-color:rgb(162, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 179,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8707, 43.8617, 57.9418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 179, 195) }
```

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

```
.background{ background-color: rgb(162,  
179, 195) }
```

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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