

Converting Colors

XYZ(40.8323, 43.9554, 58.8223)

Have a look what the booklet for
XYZ(40.8323, 43.9554, 58.8223)
contains.

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Color

**XYZ(40.7818, 43.8028,
58.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B3C4
RGB	161, 179, 196
RGB Percent	63%, 70%, 77%
CMY	0.3686, 0.2980, 0.2314
CMYK	0.18, 0.09, 0.00, 0.23
HSL	209°, 23%, 70%
HSV	209°, 18%, 77%
XYZ	40.7818, 43.8028, 58.5299
YIQ	175.5560, -16.1850, 1.4710

Conversions

Conversions Part 2

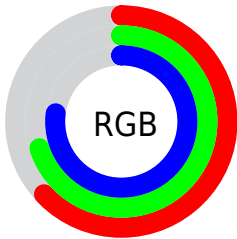
Format	Color
RYB	161, 173, 196
Decimal	10597316
CIELab	72.10, -2.61, -10.73
CIELCh	72, 11.040, 256.344
Yxy	43.8028, 0.2850, 0.3061
Android (android.graphics.Color)	4288787396 (0xFFA1B3C4)
YUV	175.5560, 10.0789, -12.7656
Hunter-Lab	66.1837, -5.8313, -6.1049

Details

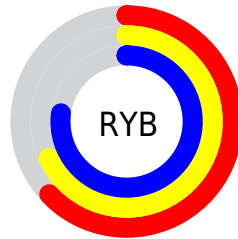
The XYZ color **40.7818, 43.8028, 58.5299** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.1186, 46.1495, 40.2487**, and the grayscale version is **40.9922, 43.1269, 46.9652**.

A 20% lighter version of the original color is **75.7569, 81.1074, 104.5910**, and **18.6500, 20.1259, 28.4929** is the 20% darker color. If you saturate the color by 10%, you get **35.2953, 38.2404, 57.7461**, and if you desaturate by 10%, it is **47.0218, 49.9514, 59.3885**.

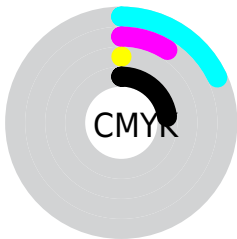
Distribution



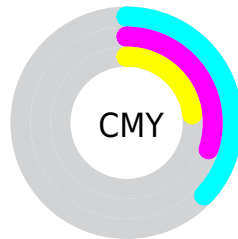
- Red (63%)
- Green (70%)
- Blue (77%)



- Red (63%)
- Yellow (68%)
- Blue (77%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)



- Cyan (37%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7818, 43.8028, 58.5299 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 40.7818, 43.8028, 58.5299 by changing the saturation by 10% instead.

■ 40.7818, 43.8028,
58.5299

■ 40.7818, 43.8028,
58.5299

340.4860,
361.9030, 436.8108

■ 28.3355, 30.5155,
41.8173

■ 75.6293, 80.9209,
104.2165

■ 18.7205, 20.2302,
28.6337

■ 98.7614, 105.5205,
134.0276

■ 11.5713, 12.5625,
18.5607

126.1860,
134.6597, 169.0419

■ 6.5226, 7.1280,
11.1797

158.2686,
168.7229, 209.6780

■ 3.2090, 3.5423,
6.0722

195.3746,
208.0944, 256.3544

■ 1.2652, 1.4210,
2.8195

237.8692,

■ 0.1570, 0.2321,

253.1586, 309.4896

1.0032

286.1179,
304.3000, 369.5023

■ 0.0000, 0.0000,
0.0000

■ 40.7818, 43.8028,
58.5299

■ 40.7818, 43.8028,
58.5299

■ 35.2953, 38.2404,
57.7461

■ 47.0218, 49.9514,
59.3885

■ 30.5269, 33.2387,
57.0320

■ 54.0408, 56.6998,
60.3211

■ 26.4443, 28.7781,
56.3862

■ 61.8680, 64.0678,
61.3308

■ 23.0106, 24.8354,
55.8062

■ 70.5296, 72.0726,
62.4193

■ 20.1855, 21.3855,
55.2892

■ 78.5630, 79.9636,
63.5191

■ 17.9234, 18.4005,
54.8322

■ 81.2327, 85.3032,
64.4090

■ 16.1714, 15.8483,
54.4320

■ 84.0486, 90.9349,
65.3476

■ 14.8523, 13.6843,
54.0838

■ 86.9639, 96.7656,
66.3194

■ 14.5997, 13.2570,
54.0146

Harmonies

Analogous

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



39.1765, 43.8028, 55.6204



40.7818, 43.8028, 58.5299



42.6635, 43.8028, 58.3853

Triad

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



40.7818, 43.8028, 58.5299



45.2159, 43.8028, 44.8268



39.0609, 43.8028, 40.8689

Complementary

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



40.7818, 43.8028, 58.5299



45.1186, 46.1495, 40.2487

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.



40.6198, 43.8028, 38.3943



40.7818, 43.8028, 58.5299



44.1906, 43.8028, 40.5585

Square

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



40.7818, 43.8028, 58.5299



45.2624, 43.8028, 50.1915



42.4965, 43.8028, 38.2852



38.2034, 43.8028, 45.2804

Rectangle

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



40.7818, 43.8028, 58.5299



43.8225, 43.8028, 56.5704



42.4965, 43.8028, 38.2852



39.5181, 43.8028, 39.7980

Sweetspot

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



40.7831, 43.8046, 58.5309



88.5702, 93.7743, 108.0398



42.4661, 50.2687, 49.5410



18.7691, 19.8892, 23.0997



0.0000, 0.0000, 0.0000



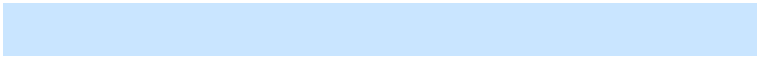
20.3446, 21.4041, 23.3091

Same Dimension

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



40.7831, 43.8046, 58.5309



70.2762, 75.7352, 105.5221



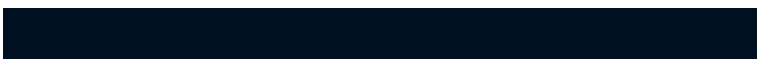
37.5096, 37.2575, 57.4397



9.9471, 10.5855, 12.8038



9.4673, 8.6912, 34.7352



0.4779, 0.5131, 1.5237

Inverse Universe

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



43.6475, 40.4811, 48.1631



76.3737, 68.9002, 83.3980



48.8073, 53.5269, 41.4783



10.2846, 10.1624, 11.5893



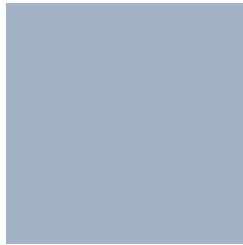
16.1746, 8.1596, 8.8317



0.7336, 0.3664, 0.5645

Previews

White Background



This preview shows how the XYZ color 40.7818, 43.8028, 58.5299 looks on a white background.

Color Contrast Check

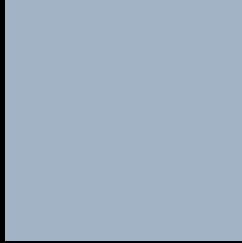
Large Text (above 18pt) WCAG AA × Fail

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 40.7818, 43.8028, 58.5299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

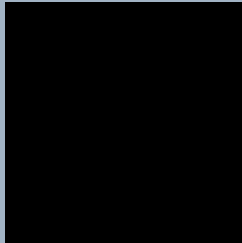
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

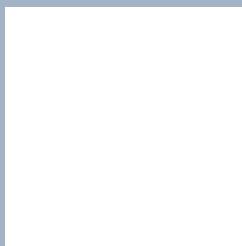
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7818, 43.8028, 58.5299

Background



This preview shows how black text looks on a background with the XYZ color 40.7818, 43.8028, 58.5299.



This preview shows how white text looks on a background with the XYZ color 40.7818, 43.8028,

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

40.7818, 43.8028, 58.5299

Protanopia

42.7468, 43.6689, 57.2149

Deuteranopia

44.5977, 43.7266, 58.9128



Tritanopia

40.5556, 43.7123, 57.3387

Trichromacy



Original Color

40.7818, 43.8028, 58.5299

Protanomaly

41.9532, 43.5368, 57.8220

Deuteranomaly

43.3125, 43.9213, 59.0182

Tritanomaly

40.6684, 43.7574, 57.9323

Monochromacy



Original Color

40.7818, 43.8028, 58.5299

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 40.7818, 43.8028, 58.5299 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(161, 179, 196)` looks like.

```
.text, #text, p{  
    color:rgb(161, 179, 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(161, 179, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 179, 196) }
```

Border

The CSS property to change the border of an element to XYZ 40.7818, 43.8028, 58.5299 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(161, 179, 196) }
```


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

```
.border{ border-color:rgb(161, 179, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 179, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 179, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 179, 196);  
box-shadow:4px 4px 4px 4px rgb(161, 179,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7818, 43.8028, 58.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 179, 196) }
```

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

```
.background{ background-color: rgb(161,  
179, 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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