

Converting Colors

XYZ(40.9251, 45.3206, 58.2483)

Have a look what the booklet for
XYZ(40.9251, 45.3206, 58.2483)
contains.

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Color

**XYZ(40.8954, 45.3892,
58.2353)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB8C3
RGB	157, 184, 195
RGB Percent	62%, 72%, 76%
CMY	0.3843, 0.2784, 0.2353
CMYK	0.19, 0.06, 0.00, 0.24
HSL	197°, 24%, 69%
HSV	197°, 19%, 76%
XYZ	40.8954, 45.3892, 58.2353
YIQ	177.1810, -19.6230, -2.3030

Conversions

Conversions Part 2

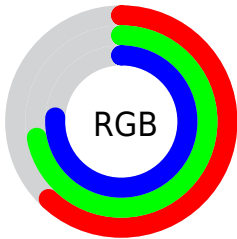
Format	Color
RYB	157, 173, 195
Decimal	10336451
CIELab	73.15, -6.79, -8.64
CIELCh	73, 10.989, 231.859
Yxy	45.3892, 0.2830, 0.3141
Android (android.graphics.Color)	4288526531 (0xFF9DB8C3)
YUV	177.1810, 8.7848, -17.6987
Hunter-Lab	67.3715, -9.5483, -4.0897

Details

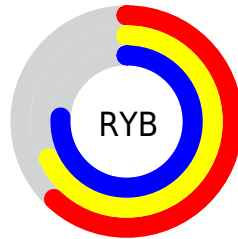
The XYZ color **40.8954, 45.3892, 58.2353** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.5944, 42.0416, 37.7690**, and the grayscale version is **41.8488, 44.0281, 47.9467**.

A 20% lighter version of the original color is **75.8822, 83.3455, 104.1833**, and **18.7497, 21.1589, 28.2952** is the 20% darker color. If you saturate the color by 10%, you get **36.2416, 41.2855, 57.6892**, and if you desaturate by 10%, it is **46.2058, 49.9032, 58.8274**.

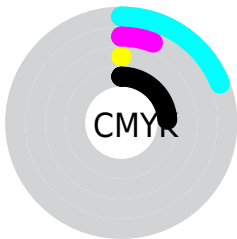
Distribution



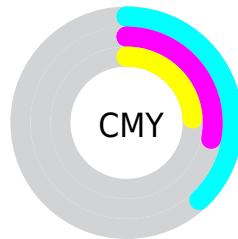
- Red (62%)
- Green (72%)
- Blue (76%)



- Red (62%)
- Yellow (68%)
- Blue (76%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (38%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8954, 45.3892, 58.2353 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 40.8954, 45.3892, 58.2353 by changing the saturation by 10% instead.

■ 40.8954, 45.3892,
58.2353

■ 40.8954, 45.3892,
58.2353

340.9533,
368.3476, 435.6849

■ 28.4247, 31.7641,
41.5819

■ 75.8008, 83.3041,
103.7836

■ 18.7881, 21.1814,
28.4509

■ 98.9662, 108.3628,
133.5156

■ 11.6204, 13.2566,
18.4239

126.4271,
138.0014, 168.4441

■ 6.5561, 7.6055,
11.0821

158.5490,
172.6043, 208.9878

■ 3.2299, 3.8436,
6.0072

195.6973,
212.5560, 255.5652

■ 1.2765, 1.5865,
2.7806

238.2372,

■ 0.1655, 0.3484,

258.2408, 308.5948

0.9837

286.5340,
310.0432, 368.4952

■ 0.0000, 0.0000,
0.0000

■ 40.8954, 45.3892,
58.2353

■ 40.8954, 45.3892,
58.2353

■ 36.2416, 41.2855,
57.6892

■ 46.2058, 49.9032,
58.8274

■ 32.2112, 37.5705,
57.1846

■ 52.1963, 54.8369,
59.4640

■ 28.7739, 34.2292,
56.7208

■ 58.8938, 60.2061,
60.1474

■ 25.8952, 31.2428,
56.2961

■ 66.3229, 66.0241,
60.8788

■ 23.5366, 28.5907,
55.9085

■ 74.5065, 72.3036,
61.6595

■ 21.6548, 26.2497,
55.5558

■ 76.1268, 75.2729,
62.1473

■ 20.1983, 24.1924,
55.2355

■ 77.6141, 78.2476,
62.6430

■ 19.0748, 22.3702,
54.9430

■ 79.1518, 81.3228,
63.1556

■ 19.0204, 22.2801,
54.9285

■ 80.7402, 84.4997,
63.6851

Harmonies

Analogous

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



39.7964, 45.3892, 53.4737



40.8954, 45.3892, 58.2353



42.6191, 45.3892, 60.6742

Triad

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



40.8954, 45.3892, 58.2353



46.9096, 45.3892, 50.9374



41.7777, 45.3892, 40.2218

Complementary

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



40.8954, 45.3892, 58.2353



42.5944, 42.0416, 37.7690

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.



43.6673, 45.3892, 39.6533



40.8954, 45.3892, 58.2353



46.6681, 45.3892, 45.5787

Square

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



40.8954, 45.3892, 58.2353



46.1179, 45.3892, 56.2608



45.4675, 45.3892, 41.5445



40.2951, 45.3892, 43.1595

Rectangle

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



40.8954, 45.3892, 58.2353



43.9062, 45.3892, 60.5374



45.4675, 45.3892, 41.5445



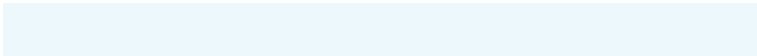
42.3849, 45.3892, 39.7565

Sweetspot

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



40.8967, 45.3911, 58.2363



86.2562, 92.2892, 105.7372



40.4667, 49.0176, 44.2612



18.7361, 20.0835, 23.1390



0.0000, 0.0000, 0.0000



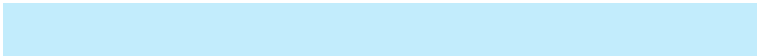
20.3446, 21.4041, 23.3091

Same Dimension

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



40.8967, 45.3911, 58.2363



69.8832, 78.3646, 103.9124



37.2530, 38.1036, 57.0217



10.1143, 10.9200, 12.8595



12.4372, 14.6309, 35.7251



0.5942, 0.7458, 1.5625

Inverse Universe

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



43.2154, 39.1777, 50.6339



74.7749, 65.5710, 87.8029



46.3131, 49.4789, 39.0085



10.3690, 10.1962, 12.0337



17.6737, 8.7592, 16.7256



0.7923, 0.3899, 0.8736

Previews

White Background



This preview shows how the XYZ color 40.8954, 45.3892, 58.2353 looks on a white background.

Color Contrast Check

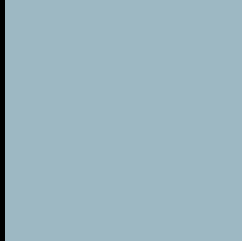
Large Text (above 18pt) WCAG AA × Fail

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 40.8954, 45.3892, 58.2353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

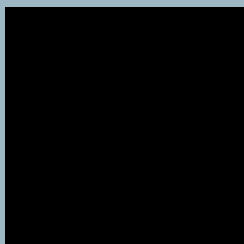
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

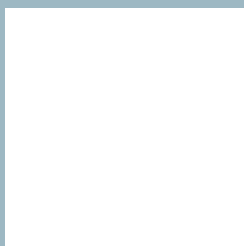
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8954, 45.3892, 58.2353

Background



This preview shows how black text looks on a background with the XYZ color 40.8954, 45.3892, 58.2353.

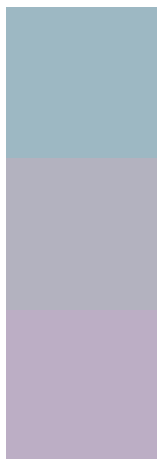


This preview shows how white text looks on a background with the XYZ color 40.8954, 45.3892,

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

40.8954, 45.3892, 58.2353

Protanopia

43.9148, 45.1861, 55.6974

Deuteranopia

45.9531, 44.9947, 59.0862



Tritanopia

41.4341, 45.6273, 60.0492

Trichromacy



Original Color

40.8954, 45.3892, 58.2353

Protanomaly

42.6303, 45.1062, 56.3287

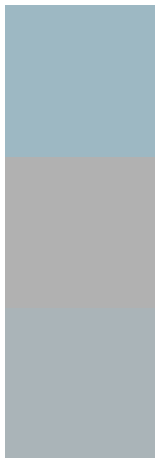
Deuteranomaly

44.0157, 45.1734, 58.6240

Tritanomaly

41.3191, 45.5813, 59.4436

Monochromacy



Original Color

40.8954, 45.3892, 58.2353

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5506, 44.6493, 51.7756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8954, 45.3892, 58.2353 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(157, 184, 195)` looks like.

```
.text, #text, p{  
    color:rgb(157, 184, 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(157, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 184, 195) }
```

Border

The CSS property to change the border of an element to XYZ 40.8954, 45.3892, 58.2353 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(157, 184, 195) }
```


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

```
.border{ border-color:rgb(157, 184, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(157, 184,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8954, 45.3892, 58.2353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 184, 195) }
```

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

```
.background{ background-color: rgb(157,  
184, 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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