

Converting Colors

XYZ(35.3899, 40.4843, 55.8182)

Have a look what the booklet for
XYZ(35.3899, 40.4843, 55.8182)
contains.

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Color

**XYZ(35.3899, 40.4843,
55.8182)**

Conversions

Conversions Part 1

Format	Color
Hex	88B1C0
RGB	136, 177, 192
RGB Percent	53%, 69%, 75%
CMY	0.4667, 0.3059, 0.2471
CMYK	0.29, 0.08, 0.00, 0.25
HSL	196°, 31%, 64%
HSV	196°, 29%, 75%
XYZ	35.3899, 40.4843, 55.8182
YIQ	166.4510, -29.2510, -4.0270

Conversions

Conversions Part 2

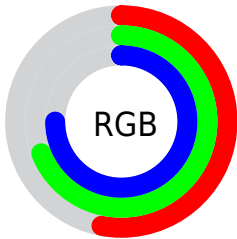
Format	Color
R_{YB}	136, 160, 192
Decimal	8958400
CIE _{Lab}	69.81, -10.18, -12.11
CIE _{LCh}	70, 15.820, 229.968
Yxy	40.4843, 0.2687, 0.3074
Android (android.graphics.Color)	4287148480 (0xFF88B1C0)
YUV	166.4510, 12.5957, -26.7055
Hunter-Lab	63.6273, -12.0649, -7.4742

Details

The XYZ color **35.3899, 40.4843, 55.8182** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.2493, 35.1175, 28.1086**, and the grayscale version is **36.4158, 38.3123, 41.7220**.

A 20% lighter version of the original color is **67.5680, 76.1315, 99.9406**, and **15.5240, 18.1642, 27.1139** is the 20% darker color. If you saturate the color by 10%, you get **31.5503, 37.0263, 55.3538**, and if you desaturate by 10%, it is **39.8288, 44.3101, 56.3234**.

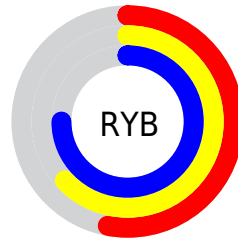
Distribution



Red (53%)

Green (69%)

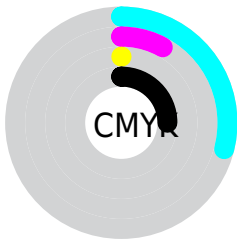
Blue (75%)



Red (53%)

Yellow (63%)

Blue (75%)

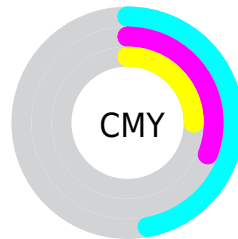


Cyan (29%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3899, 40.4843, 55.8182 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 35.3899, 40.4843, 55.8182 by changing the saturation by 10% instead.

■ 35.3899, 40.4843,
55.8182

■ 35.3899, 40.4843,
55.8182

317.7639,
348.1606, 426.3751

■ 24.1313, 27.9163,
39.6542

■ 67.4194, 75.9004,
100.2219

■ 15.5563, 18.2626,
26.9573

■ 88.9210, 99.5174,
129.2986

■ 9.2996, 11.1387,
17.3090

■ 114.5676,
127.5861, 163.5166

■ 4.9958, 6.1602,
10.2907

144.7247,
160.4911, 203.2944

■ 2.2795, 2.9427,
5.4840

179.7575,
198.6166, 249.0506

■ 0.7842, 1.1019,
2.4703

220.0314,

■ 0.0000, 0.0000,

242.3471, 301.2038

0.8244

265.9118,
292.0670, 360.1724

■ 0.0000, 0.0000,
0.0000

■ 35.3899, 40.4843,
55.8182

■ 35.3899, 40.4843,
55.8182

■ 31.5503, 37.0263,
55.3538

■ 39.8288, 44.3101,
56.3234

■ 28.2760, 33.9150,
54.9258

■ 44.8914, 48.5138,
56.8679

■ 25.5354, 31.1344,
54.5336

■ 50.6051, 53.1111,
57.4542

■ 23.2917, 28.6649,
54.1751

■ 56.9945, 58.1155,
58.0833

■ 21.5034, 26.4844,
53.8485

■ 64.0829, 63.5393,
58.7567

■ 20.1217, 24.5672,
53.5513

■ 71.8924, 69.3948,
59.4753

■ 19.0606, 22.8682,
53.2793

■ 74.5486, 72.6539,
59.9643

■ 18.9775, 22.7316,
53.2573

■ 75.8626, 75.2820,
60.4024

■ 77.2181, 77.9928,
60.8542

Harmonies

Analogous

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



34.0226, 40.4843, 49.0879



35.3899, 40.4843, 55.8182



37.6254, 40.4843, 59.5222

Triad

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



35.3899, 40.4843, 55.8182



43.5486, 40.4843, 46.5898



36.8175, 40.4843, 32.0812

Complementary

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



35.3899, 40.4843, 55.8182



37.2493, 35.1175, 28.1086

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.



39.3456, 40.4843, 31.5711



35.3899, 40.4843, 55.8182



43.3087, 40.4843, 39.4258

Square

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



35.3899, 40.4843, 55.8182



42.3848, 40.4843, 53.8156



41.7431, 40.4843, 34.1157



34.8211, 40.4843, 35.5965

Rectangle

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



35.3899, 40.4843, 55.8182



39.3401, 40.4843, 59.5255



41.7431, 40.4843, 34.1157



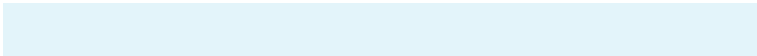
37.6308, 40.4843, 31.5689

Sweetspot

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



35.3911, 40.4859, 55.8191



81.3609, 87.9203, 103.0424



34.5843, 45.1665, 36.1459



17.1500, 18.6124, 22.0740



92.9021, 97.7402, 106.4391



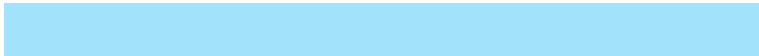
19.4759, 20.4902, 22.3138

Same Dimension

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



35.3911, 40.4859, 55.8191



59.5541, 69.2742, 100.5927



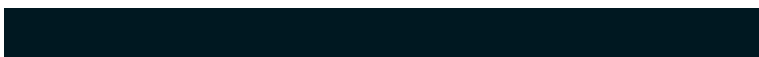
30.4266, 30.5569, 54.1643



10.1330, 10.9573, 12.8657



12.8365, 15.4294, 35.8582



0.6089, 0.7752, 1.5674

Inverse Universe

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



38.4792, 31.9901, 45.7434



66.1783, 51.8168, 78.8073



42.2897, 45.1983, 29.7887



10.3784, 10.2000, 12.0833



17.8752, 8.8398, 17.7868



0.7997, 0.3929, 0.9127

Previews

White Background



This preview shows how the XYZ color 35.3899, 40.4843, 55.8182 looks on a white background.

Color Contrast Check

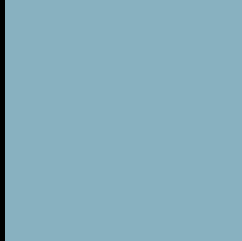
Large Text (above 18pt) WCAG AA × Fail

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 35.3899, 40.4843, 55.8182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

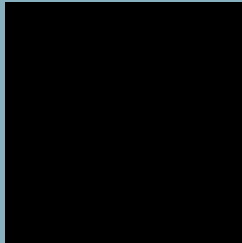
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3899, 40.4843, 55.8182

Background



This preview shows how black text looks on a background with the XYZ color 35.3899, 40.4843, 55.8182.



This preview shows how white text looks on a background with the XYZ color 35.3899, 40.4843,

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

35.3899, 40.4843, 55.8182

Protanopia

39.3061, 40.2886, 52.7185

Deuteranopia

41.0530, 40.2814, 56.6503



Tritanopia

35.2795, 40.4401, 55.2365

Trichromacy



Original Color

35.3899, 40.4843, 55.8182

Protanomaly

37.6481, 40.2471, 53.9283

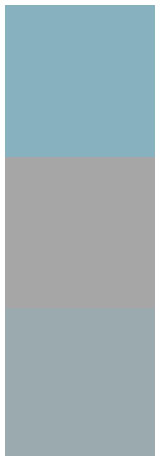
Deuteranomaly

38.6983, 40.1768, 56.1673

Tritanomaly

35.2795, 40.4401, 55.2365

Monochromacy



Original Color

35.3899, 40.4843, 55.8182

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.6302, 38.8132, 46.1712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3899, 40.4843, 55.8182 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(136, 177, 192)` looks like.

```
.text, #text, p{  
    color:rgb(136, 177, 192)  
}
```

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(136, 177, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 177, 192) }
```

Border

The CSS property to change the border of an element to XYZ 35.3899, 40.4843, 55.8182 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(136, 177, 192) }
```


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

```
.border{ border-color:rgb(136, 177, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 177, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 177, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 177, 192);  
box-shadow:4px 4px 4px 4px rgb(136, 177,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3899, 40.4843, 55.8182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 177, 192) }
```

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

```
.background{ background-color: rgb(136,  
177, 192) }
```

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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