

Converting Colors

XYZ(34.3898, 43.9894, 55.3935)

Have a look what the booklet for
XYZ(34.3898, 43.9894, 55.3935)
contains.

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Color

**XYZ(34.3898, 43.9894,
55.3935)**

Conversions

Conversions Part 1

Format	Color
Hex	70BEBE
RGB	112, 190, 190
RGB Percent	44%, 75%, 75%
CMY	0.5608, 0.2549, 0.2549
CMYK	0.41, 0.00, 0.00, 0.25
HSL	180°, 38%, 59%
HSV	180°, 41%, 75%
XYZ	34.3898, 43.9894, 55.3935
YIQ	166.6780, -46.4880, -16.5360

Conversions

Conversions Part 2

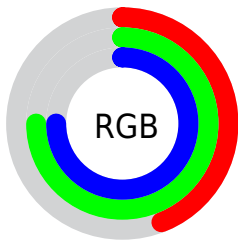
Format	Color
R_{YB}	112, 151, 190
Decimal	7388862
CIE Lab	72.22, -23.98, -7.55
CIE LCh	72, 25.139, 197.487
Yxy	43.9894, 0.2571, 0.3288
Android (android.graphics.Color)	4285578942 (0xFF70BEBE)
YUV	166.6780, 11.4977, -47.9526
Hunter-Lab	66.3245, -23.5142, -3.0912

Details

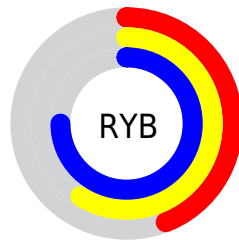
The XYZ color **34.3898, 43.9894, 55.3935** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.9555, 23.7066, 18.3277**, and the grayscale version is **36.5371, 38.4399, 41.8611**.

A 20% lighter version of the original color is **66.0438, 81.5002, 99.4390**, and **14.9504, 20.2552, 26.7886** is the 20% darker color. If you saturate the color by 10%, you get **32.2230, 42.8735, 55.2928**, and if you desaturate by 10%, it is **37.0693, 45.3718, 55.5202**.

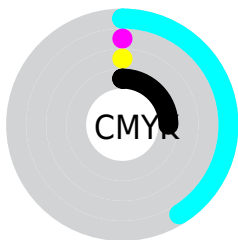
Distribution



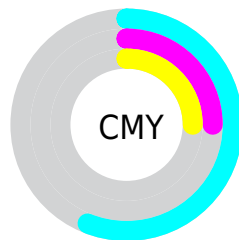
- Red (44%)
- Green (75%)
- Blue (75%)



- Red (44%)
- Yellow (59%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)





- Cyan (56%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3898, 43.9894, 55.3935 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 34.3898, 43.9894, 55.3935 by changing the saturation by 10% instead.


 34.3898, 43.9894,
55.3935


 34.3898, 43.9894,
55.3935


313.4221,
362.6650, 424.7257


 23.3575, 30.6622,
39.3161


 65.8797, 81.2018,
99.5942

 14.9799, 20.3417,
26.6960


 87.0679, 105.8557,
128.5546

 8.8915, 12.6437,
17.1146


 112.3723,
135.0541, 162.6464

 4.7270, 7.1837,
10.1534

142.1580,
169.1812, 202.2882

 2.1211, 3.5772,
5.3939

176.7905,
208.6214, 247.8985

 0.7006, 1.4400,
2.4174

216.6351,

 0.0000, 0.2459,

253.7592, 299.8958

0.7959

262.0572,
304.9789, 358.6987

■ 0.0000, 0.0000,
0.0000

■ 34.3898, 43.9894,
55.3935

■ 34.3898, 43.9894,
55.3935

■ 32.2230, 42.8735,
55.2928

■ 37.0693, 45.3718,
55.5202

■ 30.5327, 42.0021,
55.2134

■ 40.2871, 47.0306,
55.6710

■ 29.2841, 41.3584,
55.1546

■ 44.0719, 48.9817,
55.8484

■ 28.4360, 40.9212,
55.1147

■ 48.4490, 51.2382,
56.0536

■ 27.9395, 40.6653,
55.0911

■ 53.4424, 53.8124,
56.2876

■ 27.7083, 40.5461,
55.0801

■ 59.0746, 56.7159,
56.5514

■ 65.3671, 59.9598,
56.8462

■ 68.9491, 61.8064,
57.0141

■ 68.9491, 61.8064,
57.0144

Harmonies

Analogous

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



34.2265, 43.9894, 42.9338



34.3898, 43.9894, 55.3935



36.4537, 43.9894, 67.6218

Triad

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



34.3898, 43.9894, 55.3935



48.2258, 43.9894, 65.8041



43.6330, 43.9894, 28.2522

Complementary

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



34.3898, 43.9894, 55.3935



29.9555, 23.7066, 18.3277

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.



47.6682, 43.9894, 32.4375



34.3898, 43.9894, 55.3935



50.4396, 43.9894, 53.2287

Square

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



34.3898, 43.9894, 55.3935



44.3522, 43.9894, 74.3060



50.2288, 43.9894, 41.1093



39.3680, 43.9894, 28.6291

Rectangle

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



34.3898, 43.9894, 55.3935



38.7153, 43.9894, 73.3557



50.2288, 43.9894, 41.1093



45.0667, 43.9894, 29.1374

Sweetspot

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



34.3911, 43.9911, 55.3945



79.0246, 88.3271, 101.1623



28.1881, 41.5292, 21.8604



17.1442, 19.2882, 22.2045



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.



34.3911, 43.9911, 55.3945



58.8361, 77.9195, 100.2155



27.2546, 29.7179, 53.0168



9.8086, 10.8096, 12.2416



18.4237, 26.9598, 36.6237



0.7217, 1.0560, 1.4346

Inverse Universe

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



29.9555, 23.7066, 18.3277



49.7369, 36.3078, 24.1767



35.0199, 33.8356, 20.0153



9.5302, 9.5364, 9.9151



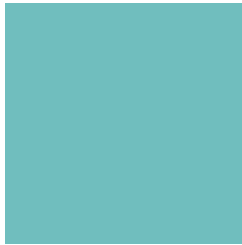
14.1203, 7.2793, 0.6609



0.5531, 0.2851, 0.0259

Previews

White Background



This preview shows how the XYZ color 34.3898, 43.9894, 55.3935 looks on a white background.

Color Contrast Check

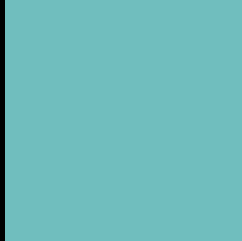
Large Text (above 18pt) WCAG AA × Fail

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 34.3898, 43.9894, 55.3935 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 34.3898, 43.9894, 55.3935

Background



This preview shows how black text looks on a background with the XYZ color 34.3898, 43.9894, 55.3935.

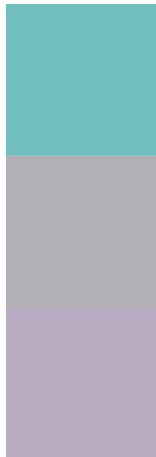


This preview shows how white text looks on a background with the XYZ color 34.3898, 43.9894,

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

34.3898, 43.9894, 55.3935

Protanopia

42.0306, 43.4611, 49.8896

Deuteranopia

44.3081, 43.3351, 57.0682



Tritanopia

35.9652, 43.9912, 63.0955

Trichromacy



Original Color

34.3898, 43.9894, 55.3935

Protanomaly

38.2994, 42.9732, 51.6235

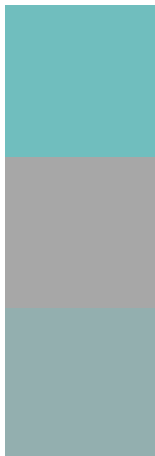
Deuteranomaly

39.6466, 42.9601, 56.6546

Tritanomaly

35.4609, 44.1172, 60.0726

Monochromacy



Original Color

34.3898, 43.9894, 55.3935

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.1005, 39.9581, 46.4201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3898, 43.9894, 55.3935 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(112, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(112, 190, 190)  
}
```

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(112, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 190, 190) }
```

Border

The CSS property to change the border of an element to XYZ 34.3898, 43.9894, 55.3935 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(112, 190, 190) }
```


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

```
.border{ border-color:rgb(112, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(112, 190,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3898, 43.9894, 55.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 190, 190) }
```

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

```
.background{ background-color: rgb(112,  
190, 190) }
```

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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