

Converting Colors

XYZ(30.6249, 34.4371, 55.0726)

Have a look what the booklet for
XYZ(30.6249, 34.4371, 55.0726)
contains.

XYZ(30.5356, 34.3498, 54.8899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.5356, 34.3498,
54.8899)**

Conversions

Conversions Part 1

Format	Color
Hex	78A4C0
RGB	120, 164, 192
RGB Percent	47%, 64%, 75%
CMY	0.5294, 0.3569, 0.2471
CMYK	0.37, 0.15, 0.00, 0.25
HSL	203°, 36%, 61%
HSV	203°, 37%, 75%
XYZ	30.5356, 34.3498, 54.8899
YIQ	154.0360, -35.2120, -0.6200

Conversions

Conversions Part 2

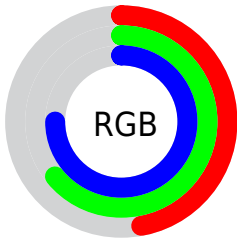
Format	Color
R _Y B	120, 147, 192
Decimal	7906496
CIE Lab	65.24, -7.72, -19.11
CIE LCh	65, 20.609, 247.992
Yxy	34.3498, 0.2549, 0.2868
Android (android.graphics.Color)	4286096576 (0xFF78A4C0)
YUV	154.0360, 18.7163, -29.8496
Hunter-Lab	58.6087, -9.5653, -14.5019

Details

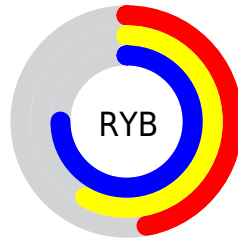
The XYZ color **30.5356, 34.3498, 54.8899** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.7188, 33.7428, 22.4006**, and the grayscale version is **30.6634, 32.2603, 35.1314**.

A 20% lighter version of the original color is **59.9540, 66.5543, 98.4933**, and **12.6964, 14.6166, 26.1969** is the 20% darker color. If you saturate the color by 10%, you get **26.8381, 30.5186, 54.3459**, and if you desaturate by 10%, it is **34.8477, 38.6158, 55.4866**.

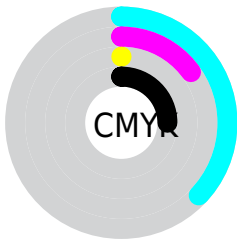
Distribution



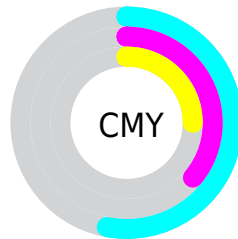
- Red (47%)
- Green (64%)
- Blue (75%)



- Red (47%)
- Yellow (58%)
- Blue (75%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (36%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5356, 34.3498, 54.8899 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 30.5356, 34.3498, 54.8899 by changing the saturation by 10% instead.

■ 30.5356, 34.3498,
54.8899

■ 30.5356, 34.3498,
54.8899

296.2583,
321.6890, 422.7646

■ 20.3956, 23.1625,
38.9156

■ 59.8890, 66.4773,
98.8492

■ 12.7928, 14.7135,
26.3867

■ 79.8331, 88.1862,
127.6712

■ 7.3621, 8.6186,
16.8848

■ 103.7759,
114.1711, 161.6128

■ 3.7379, 4.4932,
9.9913

132.0828,
144.8163, 201.0927

■ 1.5549, 1.9531,
5.2877

165.1191,
180.5064, 246.5292

■ 0.3628, 0.5800,
2.3553

203.2503,

■ 0.0000, 0.0000,

221.6256, 298.3410

0.7620

246.8415,
268.5583, 356.9467

■ 0.0000, 0.0000,
0.0000

■ 30.5356, 34.3498,
54.8899

■ 30.5356, 34.3498,
54.8899

■ 26.8381, 30.5186,
54.3459

■ 34.8477, 38.6158,
55.4866

■ 23.7184, 27.0991,
53.8503

■ 39.8017, 43.3303,
56.1355

■ 21.1407, 24.0714,
53.4017

■ 45.4274, 48.5114,
56.8391

■ 19.0635, 21.4121,
52.9979

■ 51.7515, 54.1746,
57.5989

■ 17.4383, 19.0941,
52.6362

■ 58.7992, 60.3348,
58.4165

■ 16.1959, 17.0794,
52.3128

■ 66.5944, 67.0060,
59.2933

■ 15.9153, 16.6072,
52.2364

■ 75.1599, 74.2017,
60.2307

■ 77.3387, 78.2341,
60.8942

■ 79.3865, 82.3297,
61.5768

Harmonies

Analogous

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



28.3130, 34.3498, 48.5113



30.5356, 34.3498, 54.8899



33.4565, 34.3498, 56.2474

Triad

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



30.5356, 34.3498, 54.8899



38.6961, 34.3498, 35.1524



29.2271, 34.3498, 25.8408

Complementary

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



30.5356, 34.3498, 54.8899



35.7188, 33.7428, 22.4006

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.



31.8535, 34.3498, 23.3189



30.5356, 34.3498, 54.8899



37.4054, 34.3498, 28.1316

Square

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



30.5356, 34.3498, 54.8899



38.2898, 34.3498, 43.9350



34.8566, 34.3498, 24.0881



27.5904, 34.3498, 31.5494

Rectangle

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



30.5356, 34.3498, 54.8899



35.4294, 34.3498, 53.9547



34.8566, 34.3498, 24.0881



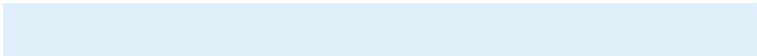
30.0170, 34.3498, 24.6354

Sweetspot

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



30.5367, 34.3511, 54.8907



78.4180, 84.3467, 102.5078



31.9098, 43.8185, 34.6281



16.5224, 17.8186, 21.9538



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.



30.5367, 34.3511, 54.8907



49.7415, 56.4763, 98.6397



25.0325, 23.3427, 53.0560



10.0291, 10.7494, 12.8311



10.7866, 11.3296, 35.1749



0.5314, 0.6201, 1.5416

Inverse Universe

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



35.1564, 27.3207, 38.5439



59.5588, 42.7881, 63.6205



42.1866, 46.6782, 24.5566



10.3260, 10.1790, 11.8071



16.8405, 8.4260, 12.3382



0.7606, 0.3772, 0.7067

Previews

White Background



This preview shows how the XYZ color 30.5356, 34.3498, 54.8899 looks on a white background.

Color Contrast Check

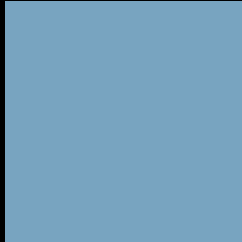
Large Text (above 18pt) WCAG AA × Fail

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 30.5356, 34.3498, 54.8899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

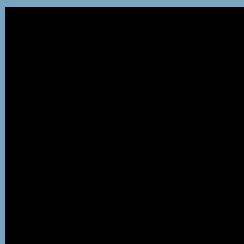
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

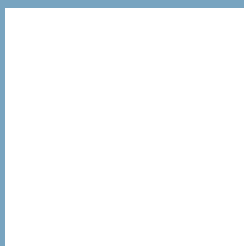
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5356, 34.3498, 54.8899

Background



This preview shows how black text looks on a background with the XYZ color 30.5356, 34.3498, 54.8899.



This preview shows how white text looks on a background with the XYZ color 30.5356, 34.3498,

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

30.5356, 34.3498, 54.8899

Protanopia

33.8070, 34.0402, 51.8023

Deuteranopia

34.9765, 34.3063, 55.8173



Tritanopia

29.1090, 34.3090, 47.7359

Trichromacy



Original Color

30.5356, 34.3498, 54.8899

Protanomaly

32.3987, 34.0458, 53.0080

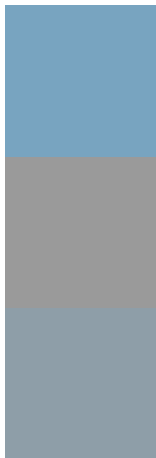
Deuteranomaly

33.0078, 34.0548, 55.2856

Tritanomaly

29.5781, 34.2225, 50.3941

Monochromacy



Original Color

30.5356, 34.3498, 54.8899

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.4501, 33.0317, 41.8166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5356, 34.3498, 54.8899 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(120, 164, 192)` looks like.

```
.text, #text, p{  
    color:rgb(120, 164, 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(120, 164, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 164, 192) }
```

Border

The CSS property to change the border of an element to XYZ 30.5356, 34.3498, 54.8899 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(120, 164, 192) }
```


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

```
.border{ border-color:rgb(120, 164, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 164, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 164, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 164, 192);  
box-shadow:4px 4px 4px 4px rgb(120, 164,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5356, 34.3498, 54.8899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 164, 192) }
```

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

```
.background{ background-color: rgb(120,  
164, 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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