

Converting Colors

XYZ(34.4443, 37.9470, 55.7394)

Have a look what the booklet for
XYZ(34.4443, 37.9470, 55.7394)
contains.

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Color

**XYZ(34.4816, 38.0030,
55.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	8AAAC1
RGB	138, 170, 193
RGB Percent	54%, 67%, 76%
CMY	0.4588, 0.3333, 0.2431
CMYK	0.28, 0.12, 0.00, 0.24
HSL	205°, 31%, 65%
HSV	205°, 28%, 76%
XYZ	34.4816, 38.0030, 55.9700
YIQ	163.0540, -26.4550, 0.3690

Conversions

Conversions Part 2

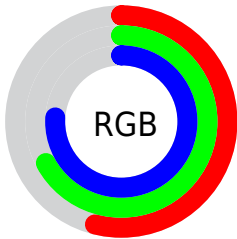
Format	Color
RYB	138, 158, 193
Decimal	9087681
CIELab	68.02, -5.56, -15.35
CIELCh	68, 16.322, 250.072
Yxy	38.0030, 0.2684, 0.2958
Android (android.graphics.Color)	4287277761 (0xFF8AAAC1)
YUV	163.0540, 14.7634, -21.9724
Hunter-Lab	61.6466, -8.0387, -10.6778

Details

The XYZ color **34.4816, 38.0030, 55.9700** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3251, 38.6625, 29.4357**, and the grayscale version is **34.7806, 36.5919, 39.8486**.

A 20% lighter version of the original color is **65.7623, 71.8964, 100.0339**, and **14.9764, 16.7994, 26.8794** is the 20% darker color. If you saturate the color by 10%, you get **30.1013, 33.5683, 55.3455**, and if you desaturate by 10%, it is **39.5246, 42.9190, 56.6537**.

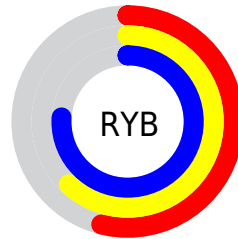
Distribution



Red (54%)

Green (67%)

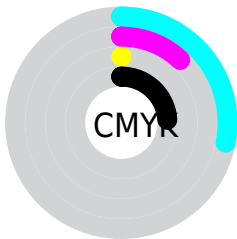
Blue (76%)



Red (54%)

Yellow (62%)

Blue (76%)

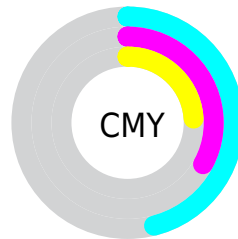


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (46%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4816, 38.0030, 55.9700 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 34.4816, 38.0030, 55.9700 by changing the saturation by 10% instead.

■ 34.4816, 38.0030,
55.9700

■ 34.4816, 38.0030,
55.9700

313.8224,
337.6328, 426.9636

■ 23.4285, 25.9850,
39.7750

■ 66.0212, 72.1127,
100.4461

■ 15.0326, 16.8124,
27.0507

■ 87.2384, 94.9733,
129.5643

■ 8.9288, 10.1009,
17.3786

■ 112.5744,
122.2168, 163.8273

■ 4.7515, 5.4659,
10.3400

142.3944,
154.2277, 203.6536

■ 2.1354, 2.5231,
5.5164

177.0638,
191.3903, 249.4619

■ 0.7084, 0.8882,
2.4893

216.9481,

■ 0.0000, 0.0000,

234.0892, 301.6706

0.8345

262.4125,
282.7085, 360.6983

■ 0.0000, 0.0000,
0.0000

■ 34.4816, 38.0030,
55.9700

■ 34.4816, 38.0030,
55.9700

■ 30.1013, 33.5683,
55.3455

■ 39.5246, 42.9190,
56.6537

■ 26.3484, 29.5916,
54.7757

■ 45.2561, 48.3294,
57.3960

■ 23.1896, 26.0540,
54.2594

■ 51.7050, 54.2521,
58.1993

■ 20.5867, 22.9334,
53.7943

■ 58.8971, 60.7030,
59.0653

■ 18.4967, 20.2049,
53.3777

■ 66.8572, 67.6968,
59.9957

■ 16.8693, 17.8396,
53.0070

■ 75.6087, 75.2478,
60.9920

■ 15.6244, 15.7936,
52.6777

■ 78.1971, 79.7731,
61.7290

■ 15.4528, 15.5044,
52.6309

■ 80.4500, 84.2789,
62.4800

■ 82.8077, 88.9942,
63.2659

Harmonies

Analogous

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



32.5109, 38.0030, 51.0516



34.4816, 38.0030, 55.9700



36.9816, 38.0030, 56.7341

Triad

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



34.4816, 38.0030, 55.9700



41.1457, 38.0030, 38.9806



33.0671, 38.0030, 31.5720

Complementary

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



34.4816, 38.0030, 55.9700



39.3251, 38.6625, 29.4357

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.



35.2733, 38.0030, 29.0789



34.4816, 38.0030, 55.9700



39.9883, 38.0030, 33.0121

Square

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



34.4816, 38.0030, 55.9700



40.9093, 38.0030, 46.3314



37.8110, 38.0030, 29.5733



31.7212, 38.0030, 36.7924

Rectangle

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



34.4816, 38.0030, 55.9700



38.6236, 38.0030, 54.7013



37.8110, 38.0030, 29.5733



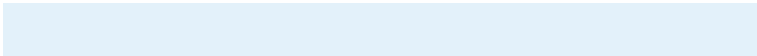
33.7284, 38.0030, 30.4167

Sweetspot

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



34.4828, 38.0045, 55.9709



80.3535, 85.9056, 102.7066



35.9777, 46.1142, 40.6853



16.9009, 18.1142, 21.9909



92.9021, 97.7402, 106.4391



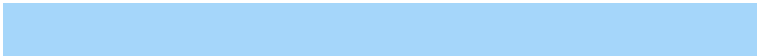
19.4759, 20.4902, 22.3138

Same Dimension

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



34.4828, 38.0045, 55.9709



56.8836, 63.1695, 99.5551



29.8678, 28.7746, 54.4325



10.0042, 10.6996, 12.8228



10.3583, 10.4731, 35.0322



0.5144, 0.5862, 1.5359

Inverse Universe

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



38.3375, 32.4177, 42.2685



65.0168, 52.0660, 70.4903



44.6528, 49.3179, 31.2116



10.3134, 10.1740, 11.7409



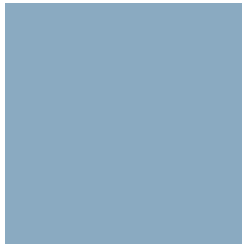
16.6244, 8.3395, 11.1999



0.7520, 0.3738, 0.6616

Previews

White Background



This preview shows how the XYZ color 34.4816, 38.0030, 55.9700 looks on a white background.

Color Contrast Check

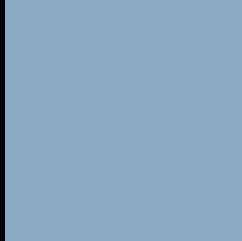
Large Text (above 18pt) WCAG AA × Fail

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 34.4816, 38.0030, 55.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

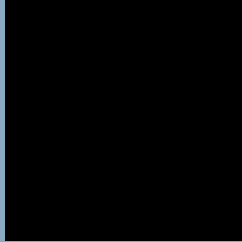
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

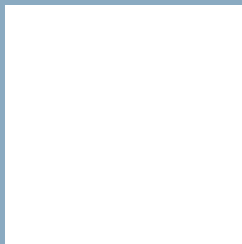
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4816, 38.0030, 55.9700

Background



This preview shows how black text looks on a background with the XYZ color 34.4816, 38.0030, 55.9700.



This preview shows how white text looks on a background with the XYZ color 34.4816, 38.0030,

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

34.4816, 38.0030, 55.9700

Protanopia

37.1587, 37.8021, 53.4822

Deuteranopia

38.5315, 37.6454, 56.8652



Tritanopia

33.4732, 37.8628, 51.4430

Trichromacy



Original Color

34.4816, 38.0030, 55.9700

Protanomaly

36.0674, 37.7624, 54.1031

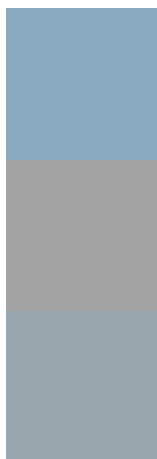
Deuteranomaly

36.7234, 37.5139, 56.3443

Tritanomaly

33.9565, 38.0750, 53.1365

Monochromacy



Original Color

34.4816, 38.0030, 55.9700

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6026, 37.1985, 45.4007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4816, 38.0030, 55.9700 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(138, 170, 193)` looks like.

```
.text, #text, p{  
    color:rgb(138, 170, 193)  
}
```

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(138, 170, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 170, 193) }
```

Border

The CSS property to change the border of an element to XYZ 34.4816, 38.0030, 55.9700 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(138, 170, 193) }
```


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

```
.border{ border-color:rgb(138, 170, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 170, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 170, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 170, 193);  
box-shadow:4px 4px 4px 4px rgb(138, 170,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4816, 38.0030, 55.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 170, 193) }
```

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

```
.background{ background-color: rgb(138,  
170, 193) }
```

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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