

Converting Colors

XYZ(34.1100, 34.7865, 35.7956)

Have a look what the booklet for
XYZ(34.1100, 34.7865, 35.7956)
contains.

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Color

**XYZ(34.1218, 34.8053,
35.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	A89D9B
RGB	168, 157, 155
RGB Percent	66%, 62%, 61%
CMY	0.3412, 0.3843, 0.3922
CMYK	0.00, 0.07, 0.08, 0.34
HSL	9°, 7%, 63%
HSV	9°, 8%, 66%
XYZ	34.1218, 34.8053, 35.9300
YIQ	160.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

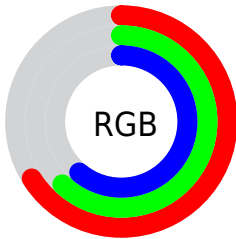
Format	Color
RYB	168, 157, 155
Decimal	11050395
CIELab	65.60, 3.65, 2.48
CIELCh	66, 4.411, 34.173
Yxy	34.8053, 0.3254, 0.3319
Android (android.graphics.Color)	4289240475 (0xFFA89D9B)
YUV	160.0610, -2.4951, 6.9625
Hunter-Lab	58.9960, -0.0032, 5.1882

Details

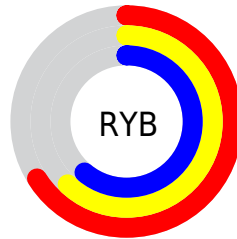
The XYZ color **34.1218, 34.8053, 35.9300** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2216, 37.0675, 42.3973**, and the grayscale version is **33.4513, 35.1934, 38.3256**.

A 20% lighter version of the original color is **65.4835, 67.3784, 69.8756**, and **14.8552, 15.0205, 15.2130** is the 20% darker color. If you saturate the color by 10%, you get **30.5420, 29.7484, 28.2534**, and if you desaturate by 10%, it is **38.1796, 40.5032, 44.7353**.

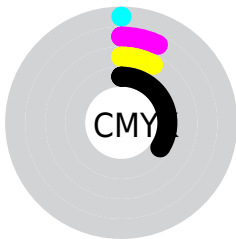
Distribution



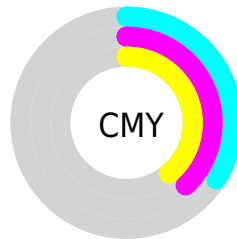
- Red (66%)
- Green (62%)
- Blue (61%)



- Red (66%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (34%)



- Cyan (34%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1218, 34.8053, 35.9300 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 34.1218, 34.8053, 35.9300 by changing the saturation by 10% instead.

■ 34.1218, 34.8053,
35.9300

■ 34.1218, 34.8053,
35.9300

312.2512,
323.7081, 343.6826

■ 23.1505, 23.5129,
24.0909

■ 65.4661, 67.1840,
70.0918

■ 14.8260, 14.9727,
15.1882

■ 86.5698, 89.0392,
93.2516

■ 8.7829, 8.8002,
8.8035

111.7816,
115.1841, 121.0221

■ 4.6558, 4.6111,
4.5182

141.4670,
146.0031, 153.8217

■ 2.0794, 2.0209,
1.9137

175.9914,
181.8806, 192.0690

■ 0.6780, 0.6196,
0.5014

215.7199,

■ 0.0000, 0.0000,

223.2010, 236.1826

0.0000

261.0181,
270.3487, 286.5809

■ 34.1218, 34.8053,
35.9300

■ 34.1218, 34.8053,
35.9300

■ 30.5420, 29.7484,
28.2534

■ 38.1796, 40.5032,
44.7353

■ 27.4196, 25.3056,
21.6576

■ 42.7292, 46.8587,
54.7101

■ 24.7370, 21.4547,
16.0947

■ 47.7873, 53.8936,
65.8958

■ 22.4741, 18.1708,
11.5121

■ 53.3692, 61.6272,
78.3312

■ 20.6095, 15.4268,
7.8528

■ 59.4893, 70.0780,
92.0535

■ 19.1194, 13.1936,
5.0537

■ 66.0323, 79.2123,
106.4170

■ 17.9780, 11.4392,
3.0439

■ 69.9586, 87.0649,
107.7257

■ 17.1555, 10.1281,
1.7409

■ 16.6113, 9.2169,
1.0127

Harmonies

Analogous

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



34.3383, 34.8053, 37.6382



34.1218, 34.8053, 35.9300



33.6266, 34.8053, 34.7784

Triad

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



34.1218, 34.8053, 35.9300



31.9737, 34.8053, 36.3654



33.1721, 34.8053, 41.5643

Complementary

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



34.1218, 34.8053, 35.9300



34.2216, 37.0675, 42.3973

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.



32.5422, 34.8053, 41.1968



34.1218, 34.8053, 35.9300



31.8556, 34.8053, 38.1570

Square

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



34.1218, 34.8053, 35.9300



32.3872, 34.8053, 35.0239



32.0624, 34.8053, 39.9346



33.7854, 34.8053, 40.9232

Rectangle

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



34.1218, 34.8053, 35.9300



33.2079, 34.8053, 34.4606



32.0624, 34.8053, 39.9346



32.9552, 34.8053, 41.5548

Sweetspot

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



34.1228, 34.8068, 35.9307



66.0093, 68.9103, 74.0540



34.7578, 34.5230, 40.9326



14.4059, 15.0457, 16.1811



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.1228, 34.8068, 35.9307



60.9406, 61.7814, 63.0893



35.2425, 37.0463, 36.3040



7.6210, 7.7220, 7.8781



12.4969, 6.8910, 0.6714



0.3308, 0.2212, 0.0253

Inverse Universe

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



34.2216, 37.0675, 42.3973



61.1509, 66.5941, 76.8560



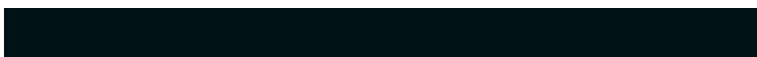
33.0788, 34.7821, 42.0164



7.6477, 8.3322, 9.6235



12.6852, 16.8306, 30.5555



0.3343, 0.4609, 0.7520

Previews

White Background



This preview shows how the XYZ color 34.1218, 34.8053, 35.9300 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 34.1218, 34.8053, 35.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

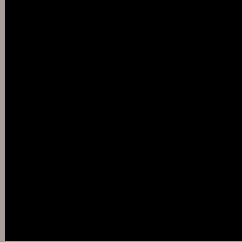
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1218, 34.8053, 35.9300

Background



This preview shows how black text looks on a background with the XYZ color 34.1218, 34.8053, 35.9300.



This preview shows how white text looks on a background with the XYZ color 34.1218, 34.8053,

35.9300.

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

34.1218, 34.8053, 35.9300

Protanopia

33.5031, 34.9831, 36.4391

Deuteranopia

35.4608, 34.7416, 36.2893



Tritanopia

35.2740, 34.7788, 41.4130

Trichromacy



Original Color

34.1218, 34.8053, 35.9300

Protanomaly

33.7447, 34.8534, 36.4013

Deuteranomaly

34.9557, 34.7272, 36.3132

Tritanomaly

34.8615, 34.8563, 39.5409

Monochromacy



Original Color

34.1218, 34.8053, 35.9300

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.6739, 35.0514, 37.3385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1218, 34.8053, 35.9300 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(168, 157, 155)` looks like.

```
.text, #text, p{  
    color:rgb(168, 157, 155)  
}
```

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(168, 157, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 157, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.1218, 34.8053, 35.9300 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(168, 157, 155) }
```


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

```
.border{ border-color:rgb(168, 157, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 157, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 157, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 157, 155);  
box-shadow:4px 4px 4px 4px rgb(168, 157,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1218, 34.8053, 35.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 157, 155) }
```

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

```
.background{ background-color: rgb(168,  
157, 155) }
```

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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