

Converting Colors

XYZ(34.1636, 35.6596, 36.6197)

Have a look what the booklet for
XYZ(34.1636, 35.6596, 36.6197)
contains.

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Color

**XYZ(34.0886, 35.5412,
36.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A09C
RGB	165, 160, 156
RGB Percent	65%, 63%, 61%
CMY	0.3529, 0.3725, 0.3882
CMYK	0.00, 0.03, 0.05, 0.35
HSL	27°, 5%, 63%
HSV	27°, 5%, 65%
XYZ	34.0886, 35.5412, 36.5160
YIQ	161.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

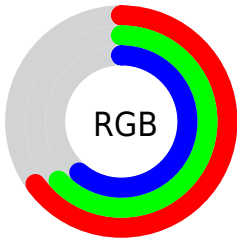
Format	Color
RYB	165, 163, 156
Decimal	10854556
CIELab	66.17, 1.07, 2.71
CIELCh	66, 2.919, 68.447
Yxy	35.5412, 0.3211, 0.3348
Android (android.graphics.Color)	4289044636 (0xFFA5A09C)
YUV	161.0390, -2.4842, 3.4738
Hunter-Lab	59.6164, -2.2627, 5.4155

Details

The XYZ color **34.0886, 35.5412, 36.5160** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2467, 35.2738, 40.6540**, and the grayscale version is **33.9050, 35.6707, 38.8454**.

A 20% lighter version of the original color is **65.4485, 68.4697, 70.7392**, and **14.8285, 15.4679, 15.5687** is the 20% darker color. If you saturate the color by 10%, you get **31.2554, 31.9607, 29.1402**, and if you desaturate by 10%, it is **37.2307, 39.4349, 44.9321**.

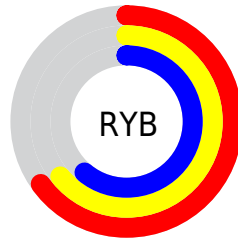
Distribution



Red (65%)

Green (63%)

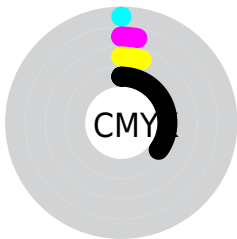
Blue (61%)



Red (65%)

Yellow (64%)

Blue (61%)

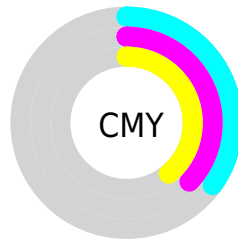


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (35%)



Cyan (35%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0886, 35.5412, 36.5160 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 34.0886, 35.5412, 36.5160 by changing the saturation by 10% instead.

■ 34.0886, 35.5412,
36.5160

■ 34.0886, 35.5412,
36.5160

312.1059,
326.9507, 346.3157

■ 23.1249, 24.0801,
24.5401

■ 65.4148, 68.3233,
71.0057

■ 14.8070, 15.3930,
15.5189

■ 86.5080, 90.4131,
94.3567

■ 8.7694, 9.0957,
9.0337

111.7084,
116.8146, 122.3364

■ 4.6470, 4.8036,
4.6661

141.3814,
147.9121, 155.3635

■ 2.0743, 2.1325,
1.9974

175.8922,
184.0901, 193.8564

■ 0.6752, 0.6828,
0.5537

215.6064,

■ 0.0000, 0.0000,

225.7329, 238.2337

0.0000

260.8891,
273.2250, 288.9140

■ 34.0886, 35.5412,
36.5160

■ 34.0886, 35.5412,
36.5160

■ 31.2554, 31.9607,
29.1402

■ 37.2307, 39.4349,
44.9321

■ 28.7180, 28.6806,
22.7615

■ 40.6883, 43.6448,
54.4247

■ 26.4667, 25.6941,
17.3372

■ 44.4716, 48.1799,
65.0313

■ 24.4901, 22.9924,
12.8203

■ 48.5893, 53.0474,
76.7866

■ 22.7759, 20.5660,
9.1599

■ 53.0498, 58.2542,
89.7241

■ 21.3108, 18.4049,
6.3003

■ 57.8610, 63.8069,
103.8741

■ 20.0801, 16.4985,
4.1786

■ 60.2593, 68.6036,
104.6735

■ 19.0670, 14.8350,
2.7227

■ 62.7903, 73.6656,
105.5172

■ 18.2508, 13.4008,
1.8401

■ 65.4561, 78.9971,
106.4058

Harmonies

Analogous

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



34.4392, 35.5412, 37.2300



34.0886, 35.5412, 36.5160



33.6583, 35.5412, 36.3802

Triad

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



34.0886, 35.5412, 36.5160



32.9614, 35.5412, 39.0507



34.3028, 35.5412, 40.6021

Complementary

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



34.0886, 35.5412, 36.5160



33.2467, 35.2738, 40.6540

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.



33.9037, 35.5412, 41.1129



34.0886, 35.5412, 36.5160



33.1309, 35.5412, 40.2047

Square

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



34.0886, 35.5412, 36.5160



33.0100, 35.5412, 37.8262



33.4749, 35.5412, 40.9659



34.5636, 35.5412, 39.5837

Rectangle

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



34.0886, 35.5412, 36.5160



33.3846, 35.5412, 36.6331



33.4749, 35.5412, 40.9659



34.1802, 35.5412, 40.8398

Sweetspot

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



34.0896, 35.5427, 36.5168



62.9112, 65.9729, 70.3362



33.8479, 34.3536, 38.6119



13.7679, 14.4407, 15.4150



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



34.0896, 35.5427, 36.5168



60.1638, 62.5416, 63.0591



34.8654, 37.0945, 36.7754



7.4401, 7.7302, 7.7695



13.6088, 9.7915, 1.1727



0.3328, 0.2995, 0.0403

Inverse Universe

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



33.2467, 35.2738, 40.6540



58.2128, 61.9192, 72.6358



32.4918, 33.7639, 40.4024



7.1892, 7.6502, 9.0008



8.0584, 7.8963, 28.0292



0.2155, 0.2583, 0.6044

Previews

White Background



This preview shows how the XYZ color 34.0886, 35.5412, 36.5160 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 34.0886, 35.5412, 36.5160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

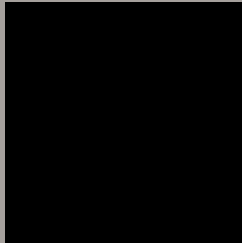
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

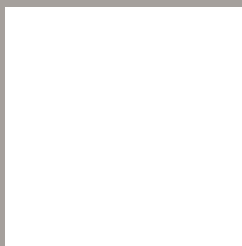
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0886, 35.5412, 36.5160

Background



This preview shows how black text looks on a background with the XYZ color 34.0886, 35.5412, 36.5160.



This preview shows how white text looks on a background with the XYZ color 34.0886, 35.5412,

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

34.0886, 35.5412, 36.5160

Protanopia

34.0886, 35.5412, 36.5160

Deuteranopia

36.3344, 35.6762, 36.8695



Tritanopia

35.4189, 35.5715, 43.0294

Trichromacy



Original Color

34.0886, 35.5412, 36.5160

Protanomaly

34.0886, 35.5412, 36.5160

Deuteranomaly

35.3764, 35.4325, 36.8729

Tritanomaly

34.9156, 35.6199, 40.6324

Monochromacy



Original Color

34.0886, 35.5412, 36.5160

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.9032, 35.6743, 37.8998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0886, 35.5412, 36.5160 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(165, 160, 156)` looks like.

```
.text, #text, p{  
    color:rgb(165, 160, 156)  
}
```

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(165, 160, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 160, 156) }
```

Border

The CSS property to change the border of an element to XYZ 34.0886, 35.5412, 36.5160 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(165, 160, 156) }
```


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

```
.border{ border-color:rgb(165, 160, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 160, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 160, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 160, 156);  
box-shadow:4px 4px 4px 4px rgb(165, 160,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0886, 35.5412, 36.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 160, 156) }
```

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

```
.background{ background-color: rgb(165,  
160, 156) }
```

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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