

Converting Colors

XYZ(35.8788, 34.0030, 35.6826)

Have a look what the booklet for
XYZ(35.8788, 34.0030, 35.6826)
contains.

XYZ(35.8788, 34.0030, 35.6826)	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(35.8788, 34.0030,
35.6826)**

Conversions

Conversions Part 1

Format	Color
Hex	B5969B
RGB	181, 150, 155
RGB Percent	71%, 59%, 61%
CMY	0.2902, 0.4117, 0.3922
CMYK	0.00, 0.17, 0.14, 0.29
HSL	350°, 17%, 65%
HSV	350°, 17%, 71%
XYZ	35.8788, 34.0030, 35.6826
YIQ	159.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

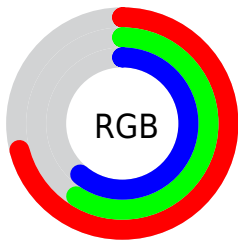
Format	Color
RYB	181, 150, 155
Decimal	11900571
CIELab	64.96, 12.37, 1.71
CIELCh	65, 12.487, 7.852
Yxy	34.0030, 0.3399, 0.3221
Android (android.graphics.Color)	4290090651 (0xFFB5969B)
YUV	159.8390, -2.3856, 18.5582
Hunter-Lab	58.3121, 7.7830, 4.5375

Details

The XYZ color **35.8788, 34.0030, 35.6826** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.9394, 42.6672, 47.3650**, and the grayscale version is **33.3454, 35.0820, 38.2043**.

A 20% lighter version of the original color is **68.0265, 65.7937, 69.4357**, and **15.8626, 14.5124, 15.0618** is the 20% darker color. If you saturate the color by 10%, you get **32.0148, 28.1885, 28.4946**, and if you desaturate by 10%, it is **40.3512, 40.7769, 43.8652**.

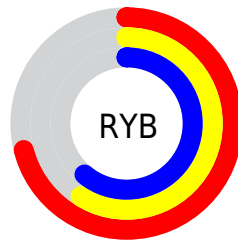
Distribution



Red (71%)

Green (59%)

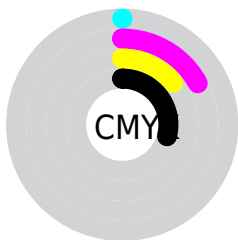
Blue (61%)



Red (71%)

Yellow (59%)

Blue (61%)

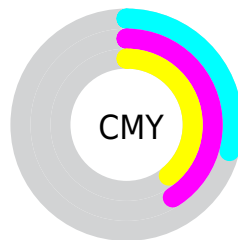


Cyan (0%)

Magenta (17%)

Yellow (14%)

Black (29%)



Cyan (29%)


Magenta (41%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8788, 34.0030, 35.6826 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 35.8788, 34.0030, 35.6826 by changing the saturation by 10% instead.


 35.8788, 34.0030,
35.6826


 35.8788, 34.0030,
35.6826

319.8710,
320.1454, 342.5665

 24.5103, 22.8959,
23.9014

 68.1701, 65.9383,
69.7054

 15.8394, 14.5167,
15.0490

 89.8235, 87.5354,
92.7841

 9.5007, 8.4809,
8.7068


115.6360,
113.3978, 120.4657

 5.1289, 4.4042,
4.4562

145.9728,
143.9101, 153.1688

 2.3586, 1.9021,
1.8788

181.1994,
179.4566, 191.3119

 0.8244, 0.5497,
0.4792

221.6810,

 0.0000, 0.0000,

220.4217, 235.3135

0.0000

267.7831,
267.1899, 285.5922

■ 35.8788, 34.0030,
35.6826

■ 35.8788, 34.0030,
35.6826

■ 32.0148, 28.1885,
28.4946

■ 40.3512, 40.7769,
43.8652

■ 28.7300, 23.2857,
22.2609

■ 45.4539, 48.5461,
53.0762

■ 25.9970, 19.2496,
16.9420

■ 51.2110, 57.3503,
63.3505

■ 23.7852, 16.0296,
12.4942

■ 57.6449, 67.2255,
74.7206

■ 22.0608, 13.5697,
8.8708

■ 64.7765, 78.2062,
87.2176

■ 20.7860, 11.8069,
6.0202

■ 71.4653, 88.0035,
100.4847

■ 19.9173, 10.6682,
3.8849

■ 72.8662, 88.5638,
107.8618

■ 19.3949, 10.0497,
2.3966

■ 19.2802, 9.9134,
2.0713

Harmonies

Analogous

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



35.6398, 34.0030, 40.8969



35.8788, 34.0030, 35.6826



35.1362, 34.0030, 31.2552

Triad

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



35.8788, 34.0030, 35.6826



30.2364, 34.0030, 29.7194



31.0285, 34.0030, 47.0096

Complementary

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



35.8788, 34.0030, 35.6826



36.9394, 42.6672, 47.3650

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.



29.6562, 34.0030, 43.4611



35.8788, 34.0030, 35.6826



29.2109, 34.0030, 33.4027

Square

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



35.8788, 34.0030, 35.6826



31.8472, 34.0030, 28.0274



29.0025, 34.0030, 38.3976



32.7951, 34.0030, 47.7639

Rectangle

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



35.8788, 34.0030, 35.6826



34.2002, 34.0030, 29.2322



29.0025, 34.0030, 38.3976



30.5078, 34.0030, 46.0890

Sweetspot

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



35.8798, 34.0045, 35.6833



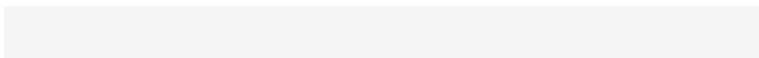
74.0400, 75.7233, 81.7770



37.1147, 34.3612, 48.3926



15.8719, 16.1677, 17.4378



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.8798, 34.0045, 35.6833



61.2044, 56.2946, 58.2537



37.1908, 37.2844, 34.0925



8.5504, 8.5269, 9.1308



13.3087, 6.8411, 1.5198



0.4359, 0.2221, 0.1379

Inverse Universe

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



35.8798, 34.0045, 35.6833



61.2044, 56.2946, 58.2537



35.4194, 38.8214, 49.3429



8.5504, 8.5269, 9.1308



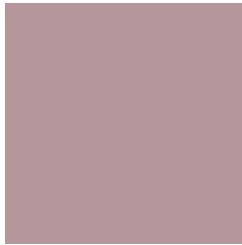
13.3087, 6.8411, 1.5198



0.4359, 0.2221, 0.1379

Previews

White Background



This preview shows how the XYZ color 35.8788, 34.0030, 35.6826 looks on a white background.

Color Contrast Check

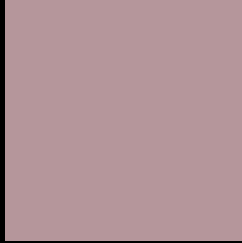
Large Text (above 18pt) WCAG AA × Fail

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 35.8788, 34.0030, 35.6826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

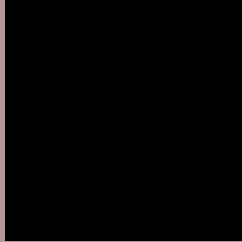
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8788, 34.0030, 35.6826

Background



This preview shows how black text looks on a background with the XYZ color 35.8788, 34.0030, 35.6826.



This preview shows how white text looks on a background with the XYZ color 35.8788, 34.0030,

35.6826.

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

35.8788, 34.0030, 35.6826

Protanopia

32.8122, 34.0907, 37.6517

Deuteranopia

34.6795, 34.1142, 35.3287



Tritanopia

36.4719, 34.0132, 38.3611

Trichromacy



Original Color

35.8788, 34.0030, 35.6826

Protanomaly

33.8756, 33.9047, 37.1066

Deuteranomaly

35.1924, 34.1367, 35.3060

Tritanomaly

36.2969, 33.9432, 37.4395

Monochromacy



Original Color

35.8788, 34.0030, 35.6826

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.2085, 34.5704, 37.2175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8788, 34.0030, 35.6826 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(181, 150, 155)` looks like.

```
.text, #text, p{  
    color:rgb(181, 150, 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(181, 150, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 150, 155) }
```

Border

The CSS property to change the border of an element to XYZ 35.8788, 34.0030, 35.6826 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(181, 150, 155) }
```


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

```
.border{ border-color:rgb(181, 150, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 150, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 150, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 150, 155);  
box-shadow:4px 4px 4px 4px rgb(181, 150,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8788, 34.0030, 35.6826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 150, 155) }
```

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

```
.background{ background-color: rgb(181,  
150, 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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