

Converting Colors

XYZ(35.7958, 33.0480, 34.6293)

Have a look what the booklet for
XYZ(35.7958, 33.0480, 34.6293)
contains.

XYZ(35.7958, 33.0480, 34.6293)	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(35.7958, 33.0480,
34.6293)**

Conversions

Conversions Part 1

Format	Color
Hex	B89299
RGB	184, 146, 153
RGB Percent	72%, 57%, 60%
CMY	0.2784, 0.4274, 0.4000
CMYK	0.00, 0.21, 0.17, 0.28
HSL	349°, 21%, 65%
HSV	349°, 21%, 72%
XYZ	35.7958, 33.0480, 34.6293
YIQ	158.1600, 20.4010, 10.2330

Conversions

Conversions Part 2

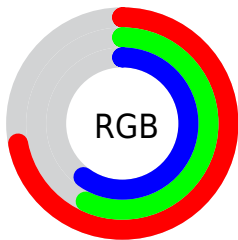
Format	Color
RYB	184, 146, 153
Decimal	12096153
CIELab	64.20, 15.39, 1.76
CIElCh	64, 15.490, 6.513
Yxy	33.0480, 0.3459, 0.3194
Android (android.graphics.Color)	4290286233 (0xFFB89299)
YUV	158.1600, -2.5439, 22.6617
Hunter-Lab	57.4874, 10.5441, 4.5260

Details

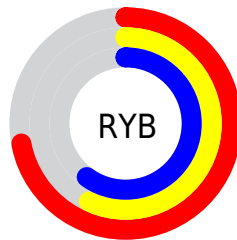
The XYZ color **35.7958, 33.0480, 34.6293** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.9316, 43.5671, 48.0597**, and the grayscale version is **32.5774, 34.2740, 37.3244**.

A 20% lighter version of the original color is **67.8519, 64.3388, 67.8739**, and **15.6964, 13.8896, 14.4240** is the 20% darker color. If you saturate the color by 10%, you get **32.0216, 27.3604, 27.6341**, and if you desaturate by 10%, it is **40.1843, 39.7140, 42.5997**.

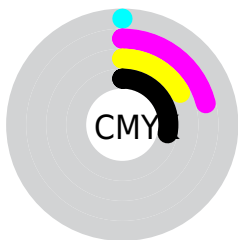
Distribution



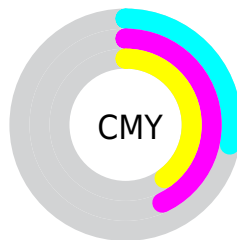
- Red (72%)
- Green (57%)
- Blue (60%)



- Red (72%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (28%)





- Cyan (28%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7958, 33.0480, 34.6293 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 35.7958, 33.0480, 34.6293 by changing the saturation by 10% instead.


 35.7958, 33.0480,
34.6293


 35.7958, 33.0480,
34.6293

319.5140,
315.8660, 337.7835

 24.4459, 22.1632,
23.0962


 68.0427, 64.4505,
68.0561

 15.7912, 13.9769,
14.4586


 89.6704, 85.7369,
90.7870

 9.4665, 8.1046,
8.2979


115.4548,
111.2594, 118.0874

 5.1062, 4.1619,
4.1957

145.7612,
141.4023, 150.3761

 2.3451, 1.7646,
1.7333

180.9550,
176.5500, 188.0715

 0.8176, 0.4649,
0.3834

221.4014,

 0.0000, 0.0000,

217.0870, 231.5921

0.0000

267.4660,
263.3975, 281.3566

■ 35.7958, 33.0480,
34.6293

■ 35.7958, 33.0480,
34.6293

■ 32.0216, 27.3604,
27.6341

■ 40.1843, 39.7140,
42.5997

■ 28.8315, 22.6008,
21.5743

■ 45.2103, 47.3967,
51.5789

■ 26.1966, 18.7211,
16.4106

■ 50.8989, 56.1381,
61.6013

■ 24.0846, 15.6671,
12.0999

■ 57.2732, 65.9761,
72.6991

■ 22.4597, 13.3784,
8.5954

■ 64.3551, 76.9470,
84.9030

■ 21.2815, 11.7864,
5.8458

■ 71.7158, 88.1858,
98.0928

■ 20.5027, 10.8104,
3.7935

■ 73.5773, 88.9304,
107.8951

■ 20.0543, 10.3052,
2.4366

Harmonies

Analogous

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



35.4450, 33.0480, 41.0213



35.7958, 33.0480, 34.6293



34.9284, 33.0480, 29.2574

Triad

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



35.7958, 33.0480, 34.6293



28.9652, 33.0480, 27.1134



29.7582, 33.0480, 48.2529

Complementary

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



35.7958, 33.0480, 34.6293



36.9316, 43.5671, 48.0597

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.



28.1383, 33.0480, 43.6691



35.7958, 33.0480, 34.6293



27.6955, 33.0480, 31.3763

Square

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



35.7958, 33.0480, 34.6293



30.9346, 33.0480, 25.2567



27.4000, 33.0480, 37.3729



31.8925, 33.0480, 49.3850

Rectangle

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



35.7958, 33.0480, 34.6293



33.7989, 33.0480, 26.8111



27.4000, 33.0480, 37.3729



29.1386, 33.0480, 47.0406

Sweetspot

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



35.7967, 33.0495, 34.6300



76.8436, 78.0949, 84.3980



36.9267, 33.2968, 49.8284



16.4407, 16.6444, 17.9705



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.7967, 33.0495, 34.6300



61.4923, 54.7778, 56.5127



37.0813, 36.5165, 32.2899



9.0704, 9.0385, 9.7179



13.8408, 7.1101, 1.7823



0.5086, 0.2589, 0.1715

Inverse Universe

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



35.7967, 33.0495, 34.6300



61.4923, 54.7778, 56.5127



35.3739, 39.3067, 51.0702



9.0704, 9.0385, 9.7179



13.8408, 7.1101, 1.7823



0.5086, 0.2589, 0.1715

Previews

White Background



This preview shows how the XYZ color 35.7958, 33.0480, 34.6293 looks on a white background.

Color Contrast Check

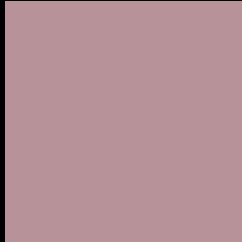
Large Text (above 18pt) WCAG AA × Fail

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 35.7958, 33.0480, 34.6293 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 35.7958, 33.0480, 34.6293

Background



This preview shows how black text looks on a background with the XYZ color 35.7958, 33.0480, 34.6293.



This preview shows how white text looks on a background with the XYZ color 35.7958, 33.0480,

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

35.7958, 33.0480, 34.6293

Protanopia

31.9935, 33.1804, 37.0660

Deuteranopia

33.7474, 33.1709, 34.3297



Tritanopia

35.9784, 32.8755, 36.3476

Trichromacy



Original Color

35.7958, 33.0480, 34.6293

Protanomaly

33.1653, 33.0723, 36.0881

Deuteranomaly

34.3194, 32.9920, 34.2650

Tritanomaly

35.8933, 32.8414, 35.8997

Monochromacy



Original Color

35.7958, 33.0480, 34.6293

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.4927, 33.7270, 36.1972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7958, 33.0480, 34.6293 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(184, 146, 153)` looks like.

```
.text, #text, p{  
    color:rgb(184, 146, 153)  
}
```

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(184, 146, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 146, 153) }
```

Border

The CSS property to change the border of an element to XYZ 35.7958, 33.0480, 34.6293 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(184, 146, 153) }
```


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

```
.border{ border-color:rgb(184, 146, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 146, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 146, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 146, 153);  
box-shadow:4px 4px 4px 4px rgb(184, 146,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7958, 33.0480, 34.6293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 146, 153) }
```

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

```
.background{ background-color: rgb(184,  
146, 153) }
```

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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