

Converting Colors

XYZ(36.5894, 33.9188, 34.7555)

Have a look what the booklet for
XYZ(36.5894, 33.9188, 34.7555)
contains.

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Color

**XYZ(36.5894, 33.9188,
34.7555)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9499
RGB	186, 148, 153
RGB Percent	73%, 58%, 60%
CMY	0.2706, 0.4196, 0.4000
CMYK	0.00, 0.20, 0.18, 0.27
HSL	352°, 22%, 65%
HSV	352°, 20%, 73%
XYZ	36.5894, 33.9188, 34.7555
YIQ	159.9320, 21.0430, 9.6110

Conversions

Conversions Part 2

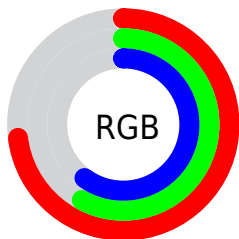
Format	Color
RYB	186, 148, 153
Decimal	12227737
CIELab	64.90, 15.03, 2.80
CIELCh	65, 15.286, 10.537
Yxy	33.9188, 0.3476, 0.3222
Android (android.graphics.Color)	4290417817 (0xFFBA9499)
YUV	159.9320, -3.4175, 22.8616
Hunter-Lab	58.2398, 10.2235, 5.3857

Details

The XYZ color **36.5894, 33.9188, 34.7555** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1135, 44.7508, 50.3473**, and the grayscale version is **33.3915, 35.1305, 38.2571**.

A 20% lighter version of the original color is **69.3452, 65.8007, 68.0774**, and **16.1887, 14.4142, 14.4994** is the 20% darker color. If you saturate the color by 10%, you get **32.6579, 28.0482, 27.3020**, and if you desaturate by 10%, it is **41.1723, 40.8023, 43.3182**.

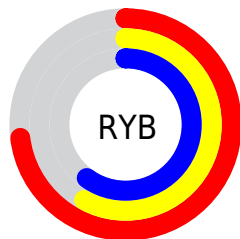
Distribution



Red (73%)

Green (58%)

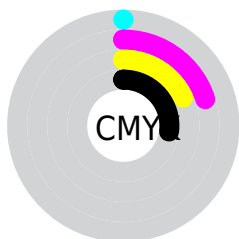
Blue (60%)



Red (73%)

Yellow (58%)

Blue (60%)

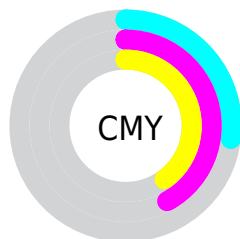


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5894, 33.9188, 34.7555 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 36.5894, 33.9188, 34.7555 by changing the saturation by 10% instead.


 36.5894, 33.9188,
34.7555


 36.5894, 33.9188,
34.7555


322.9159,
319.7698, 338.3592

 25.0620, 22.8312,
23.1926


 69.2588, 65.8074,
68.2541

 16.2522, 14.4689,
14.5291

 91.1314, 87.3772,
91.0268

 9.7948, 8.4475,
8.3466


117.1831,
113.2098, 118.3732

 5.3243, 4.3826,
4.2266

147.7793,
143.6897, 150.7118

 2.4755, 1.8898,
1.7505

183.2854,
179.2013, 188.4612

 0.8829, 0.5422,
0.3950

224.0666,

 0.0000, 0.0000,

220.1289, 232.0399

0.0000

270.4883,
266.8570, 281.8663

■ 36.5894, 33.9188,
34.7555

■ 36.5894, 33.9188,
34.7555

■ 32.6579, 28.0482,
27.3020

■ 41.1723, 40.8023,
43.3182

■ 29.3454, 23.1384,
20.9100

■ 46.4313, 48.7386,
53.0306

■ 26.6209, 19.1394,
15.5318

■ 52.3936, 57.7710,
63.9341

■ 24.4497, 15.9950,
11.1150

■ 59.0837, 67.9390,
76.0670

■ 22.7935, 13.6429,
7.6024

■ 66.5251, 79.2800,
89.4663

■ 21.6087, 12.0118,
4.9308

■ 73.2536, 88.8567,
103.6716

■ 20.8447, 11.0182,
3.0286

■ 74.0599, 89.1792,
107.9177

■ 20.4196, 10.5071,
1.8413

Harmonies

Analogous

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



36.4039, 33.9188, 41.1273



36.5894, 33.9188, 34.7555



35.5696, 33.9188, 29.5886

Triad

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



36.5894, 33.9188, 34.7555



29.5609, 33.9188, 28.4508



30.8466, 33.9188, 49.6044

Complementary

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



36.5894, 33.9188, 34.7555



38.1135, 44.7508, 50.3473

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.



29.1227, 33.9188, 45.3993



36.5894, 33.9188, 34.7555



28.4042, 33.9188, 33.0318

Square

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



36.5894, 33.9188, 34.7555



31.4697, 33.9188, 26.2340



28.2475, 33.9188, 39.1971



33.0204, 33.9188, 50.2022

Rectangle

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



36.5894, 33.9188, 34.7555



34.3695, 33.9188, 27.3363



28.2475, 33.9188, 39.1971



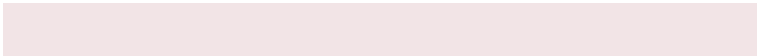
30.1980, 33.9188, 48.5450

Sweetspot

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



36.5903, 33.9203, 34.7562



78.5994, 79.9438, 85.8762



38.4943, 34.5423, 51.0933



17.1733, 17.4005, 18.6607



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.5903, 33.9203, 34.7562



62.6241, 55.9520, 56.0150



38.5047, 38.3957, 33.4005



9.0514, 9.0309, 9.6181



13.7537, 7.0753, 1.3240



0.5005, 0.2557, 0.1289

Inverse Universe

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



36.5903, 33.9203, 34.7562



62.6241, 55.9520, 56.0150



35.8422, 39.3728, 52.1654



9.0514, 9.0309, 9.6181



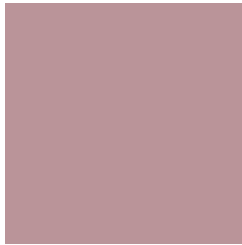
13.7537, 7.0753, 1.3240



0.5005, 0.2557, 0.1289

Previews

White Background



This preview shows how the XYZ color 36.5894, 33.9188, 34.7555 looks on a white background.

Color Contrast Check

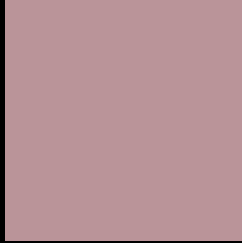
Large Text (above 18pt) WCAG AA × Fail

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 36.5894, 33.9188, 34.7555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

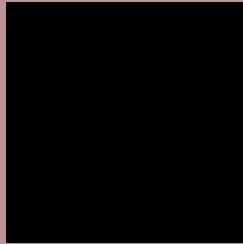
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5894, 33.9188, 34.7555

Background



This preview shows how black text looks on a background with the XYZ color 36.5894, 33.9188, 34.7555.



This preview shows how white text looks on a background with the XYZ color 36.5894, 33.9188,

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

36.5894, 33.9188, 34.7555

Protanopia

32.7257, 34.0561, 37.1964

Deuteranopia

34.5749, 33.8374, 34.4147



Tritanopia

37.1852, 33.9354, 37.3912

Trichromacy



Original Color

36.5894, 33.9188, 34.7555

Protanomaly

33.9185, 33.9465, 36.2171

Deuteranomaly

35.3245, 33.9839, 34.4035

Tritanomaly

37.0130, 33.8666, 36.4844

Monochromacy



Original Color

36.5894, 33.9188, 34.7555

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.3365, 34.6463, 36.7760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5894, 33.9188, 34.7555 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(186, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(186, 148, 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(186, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 148, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.5894, 33.9188, 34.7555 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(186, 148, 153) }
```


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

```
.border{ border-color:rgb(186, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(186, 148,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5894, 33.9188, 34.7555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 148, 153) }
```

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

```
.background{ background-color: rgb(186,  
148, 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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