

Converting Colors

XYZ(36.1474, 32.5707, 33.6597)

Have a look what the booklet for
XYZ(36.1474, 32.5707, 33.6597)
contains.

XYZ(36.1474, 32.5707, 33.6597)	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(36.1474, 32.5707,
33.6597)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8F97
RGB	188, 143, 151
RGB Percent	74%, 56%, 59%
CMY	0.2627, 0.4392, 0.4078
CMYK	0.00, 0.24, 0.20, 0.26
HSL	349°, 25%, 65%
HSV	349°, 24%, 74%
XYZ	36.1474, 32.5707, 33.6597
YIQ	157.3670, 24.2520, 12.0280

Conversions

Conversions Part 2

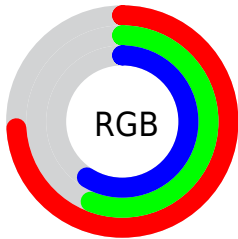
Format	Color
RYB	188, 143, 151
Decimal	12357527
CIELab	63.81, 18.24, 2.37
CIELCh	64, 18.394, 7.417
Yxy	32.5707, 0.3531, 0.3181
Android (android.graphics.Color)	4290547607 (0xFFBC8F97)
YUV	157.3670, -3.1389, 26.8651
Hunter-Lab	57.0707, 13.1843, 4.9809

Details

The XYZ color **36.1474, 32.5707, 33.6597** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5505, 45.1021, 49.9088**, and the grayscale version is **32.2200, 33.8979, 36.9148**.

A 20% lighter version of the original color is **68.6419, 63.7528, 66.4453**, and **15.9589, 13.6427, 13.8488** is the 20% darker color. If you saturate the color by 10%, you get **32.3839, 26.9227, 26.6119**, and if you desaturate by 10%, it is **40.5503, 39.2335, 41.7336**.

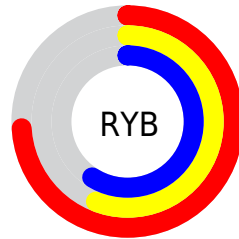
Distribution



Red (74%)

Green (56%)

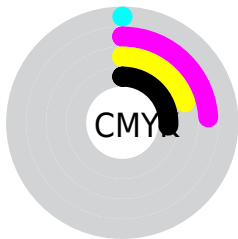
Blue (59%)



Red (74%)

Yellow (56%)

Blue (59%)

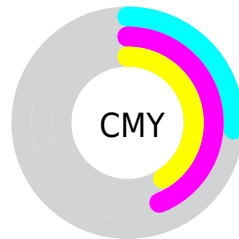


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (26%)



Cyan (26%)


Magenta (44%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1474, 32.5707, 33.6597 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 36.1474, 32.5707, 33.6597 by changing the saturation by 10% instead.


 36.1474, 32.5707,
33.6597

 36.1474, 32.5707,
33.6597


321.0244,
313.7108, 333.3347

 24.7187, 21.7978,
22.3571


 68.5819, 63.7047,
66.5320

 15.9952, 13.7084,
13.9187


 90.3184, 84.8346,
88.9386

 9.6116, 7.9181,
7.9260


116.2215,
110.1855, 115.8838

 5.2025, 4.0426,
3.9605

146.6567,
140.1420, 147.7859

 2.4025, 1.6974,
1.6037

181.9892,
175.0884, 185.0635

 0.8464, 0.4220,
0.2935

222.5844,

 0.0000, 0.0000,

215.4091, 228.1351

0.0000

268.8077,
261.4884, 277.4193

■ 36.1474, 32.5707,
33.6597

■ 36.1474, 32.5707,
33.6597

■ 32.3839, 26.9227,
26.6119

■ 40.5503, 39.2335,
41.7336

■ 29.2272, 22.2353,
20.5470

■ 45.6179, 46.9528,
50.8707

■ 26.6459, 18.4562,
15.4214

■ 51.3773, 55.7735,
61.1084

■ 24.6045, 15.5261,
11.1874

■ 57.8533, 65.7365,
72.4819

■ 23.0638, 13.3789,
7.7934

■ 65.0696, 76.8806,
85.0248

■ 21.9786, 11.9384,
5.1818

■ 72.7912, 88.7282,
98.6834

■ 21.2956, 11.1130,
3.2877

■ 74.5491, 89.4314,
107.9406

■ 21.0194, 10.8035,
2.4465

Harmonies

Analogous

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



35.7726, 32.5707, 41.2106



36.1474, 32.5707, 33.6597



35.0713, 32.5707, 27.5057

Triad

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



36.1474, 32.5707, 33.6597



28.0372, 32.5707, 25.3254



29.0894, 32.5707, 50.2824

Complementary

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



36.1474, 32.5707, 33.6597



37.5505, 45.1021, 49.9088

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.



27.1786, 32.5707, 44.8259



36.1474, 32.5707, 33.6597



26.5951, 32.5707, 30.2780

Square

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



36.1474, 32.5707, 33.6597



30.3209, 32.5707, 23.1481



26.2897, 32.5707, 37.3316



31.6029, 32.5707, 51.5185

Rectangle

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



36.1474, 32.5707, 33.6597



33.7094, 32.5707, 24.7798



26.2897, 32.5707, 37.3316



28.3595, 32.5707, 48.8476

Sweetspot

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



36.1483, 32.5722, 33.6604



79.6203, 80.4317, 86.7146



37.6648, 32.9507, 51.9521



17.0014, 17.1127, 18.4307



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.



36.1483, 32.5722, 33.6604



61.5935, 53.1377, 53.7012



37.7973, 36.8745, 31.1139



9.5975, 9.5633, 10.2697



14.3310, 7.3635, 1.7706



0.5829, 0.2971, 0.1828

Inverse Universe

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



36.1483, 32.5722, 33.6604



61.5935, 53.1377, 53.7012



35.4938, 39.6472, 53.3591



9.5975, 9.5633, 10.2697



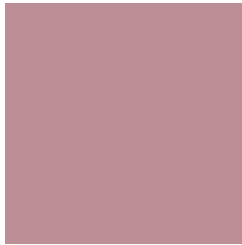
14.3310, 7.3635, 1.7706



0.5829, 0.2971, 0.1828

Previews

White Background



This preview shows how the XYZ color 36.1474, 32.5707, 33.6597 looks on a white background.

Color Contrast Check

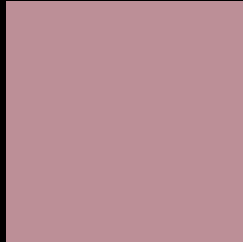
Large Text (above 18pt) WCAG AA × Fail

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 36.1474, 32.5707, 33.6597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

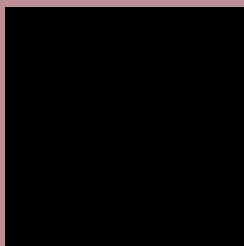
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1474, 32.5707, 33.6597

Background



This preview shows how black text looks on a background with the XYZ color 36.1474, 32.5707, 33.6597.



This preview shows how white text looks on a background with the XYZ color 36.1474, 32.5707,

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

36.1474, 32.5707, 33.6597

Protanopia

31.5460, 32.7136, 36.5500

Deuteranopia

33.4246, 32.7854, 33.4207



Tritanopia

36.3942, 32.6694, 34.9595

Trichromacy



Original Color

36.1474, 32.5707, 33.6597

Protanomaly

32.9712, 32.5041, 35.5465

Deuteranomaly

34.2988, 32.5344, 33.3262

Tritanomaly

36.3113, 32.6362, 34.5226

Monochromacy



Original Color

36.1474, 32.5707, 33.6597

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.2931, 33.1479, 35.6538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1474, 32.5707, 33.6597 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(188, 143, 151)` looks like.

```
.text, #text, p{  
    color:rgb(188, 143, 151)  
}
```

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(188, 143, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 143, 151) }
```

Border

The CSS property to change the border of an element to XYZ 36.1474, 32.5707, 33.6597 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(188, 143, 151) }
```


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

```
.border{ border-color:rgb(188, 143, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 143, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 143, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 143, 151);  
box-shadow:4px 4px 4px 4px rgb(188, 143,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1474, 32.5707, 33.6597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 143, 151) }
```

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

```
.background{ background-color: rgb(188,  
143, 151) }
```

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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