

Converting Colors

XYZ(36.8229, 34.0181, 36.6380)

Have a look what the booklet for
XYZ(36.8229, 34.0181, 36.6380)
contains.

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Color

**XYZ(36.6833, 33.9284,
36.5137)**

Conversions

Conversions Part 1

Format	Color
Hex	B9949D
RGB	185, 148, 157
RGB Percent	73%, 58%, 62%
CMY	0.2745, 0.4196, 0.3843
CMYK	0.00, 0.20, 0.15, 0.27
HSL	345°, 21%, 65%
HSV	345°, 20%, 73%
XYZ	36.6833, 33.9284, 36.5137
YIQ	160.0890, 19.1630, 10.6430

Conversions

Conversions Part 2

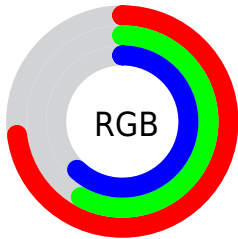
Format	Color
R_{YB}	185, 148, 157
Decimal	12162205
CIE _{Lab}	64.91, 15.31, 0.54
CIE _{LCh}	65, 15.316, 2.026
Y _{xy}	33.9284, 0.3424, 0.3167
Android (android.graphics.Color)	4290352285 (0xFFB9949D)
YUV	160.0890, -1.5229, 21.8469
Hunter-Lab	58.2481, 10.4810, 3.6068

Details

The XYZ color **36.6833, 33.9284, 36.5137** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3995, 44.1293, 47.6231**, and the grayscale version is **33.4560, 35.1983, 38.3310**.

A 20% lighter version of the original color is **69.1540, 65.6450, 70.6540**, and **16.2363, 14.4153, 15.5624** is the 20% darker color. If you saturate the color by 10%, you get **32.8825, 28.1313, 29.6833**, and if you desaturate by 10%, it is **41.0868, 40.7110, 44.2217**.

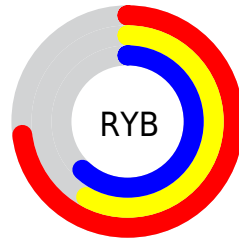
Distribution



Red (73%)

Green (58%)

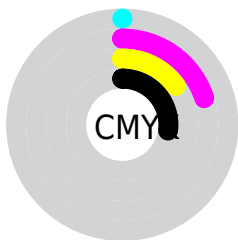
Blue (62%)



Red (73%)

Yellow (58%)

Blue (62%)

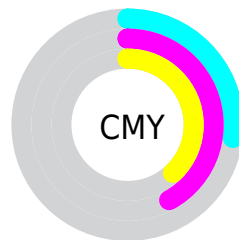


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6833, 33.9284, 36.5137 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 36.6833, 33.9284, 36.5137 by changing the saturation by 10% instead.


 36.6833, 33.9284,
36.5137


 36.6833, 33.9284,
36.5137


323.3167,
319.8127, 346.3054

 25.1349, 22.8386,
24.5384


 69.4024, 65.8223,
71.0022

 16.3069, 14.4744,
15.5176


 91.3039, 87.3952,
94.3524

 9.8338, 8.4513,
9.0328


117.3871,
113.2313, 122.3313

 5.3503, 4.3851,
4.6655

148.0174,
143.7149, 155.3575

 2.4911, 1.8912,
1.9971

183.5602,
179.2304, 193.8494

 0.8908, 0.5431,
0.5535

224.3807,

 0.0000, 0.0000,

220.1623, 238.2257

0.0000

270.8445,
266.8949, 288.9048

■ 36.6833, 33.9284,
36.5137

■ 36.6833, 33.9284,
36.5137

■ 32.8825, 28.1313,
29.6833

■ 41.0868, 40.7110,
44.2217

■ 29.6550, 23.2691,
23.6967

■ 46.1150, 48.5171,
52.8352

■ 26.9731, 19.2941,
18.5213

■ 51.7925, 57.3887,
62.3832

■ 24.8056, 16.1520,
14.1211

■ 58.1413, 67.3639,
72.8931

■ 23.1181, 13.7829,
10.4576

■ 65.1828, 78.4787,
84.3909

■ 21.8718, 12.1187,
7.4885

■ 71.6463, 88.1858,
96.4714

■ 21.0215, 11.0792,
5.1671

■ 73.8178, 89.0544,
107.9063

■ 20.4813, 10.5039,
3.4296

■ 20.4812, 10.5037,
3.4293

Harmonies

Analogous

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



36.1478, 33.9284, 42.9492



36.6833, 33.9284, 36.5137



35.9860, 33.9284, 30.8576

Triad

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



36.6833, 33.9284, 36.5137



30.0468, 33.9284, 27.5562



30.2957, 33.9284, 48.7649

Complementary

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



36.6833, 33.9284, 36.5137



37.3995, 44.1293, 47.6231

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.



28.7781, 33.9284, 43.7784



36.6833, 33.9284, 36.5137



28.6391, 33.9284, 31.5233

Square

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



36.6833, 33.9284, 36.5137



32.0979, 33.9284, 26.0669



28.1853, 33.9284, 37.3742



32.3984, 33.9284, 50.4865

Rectangle

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



36.6833, 33.9284, 36.5137



34.9336, 33.9284, 28.1561



28.1853, 33.9284, 37.3742



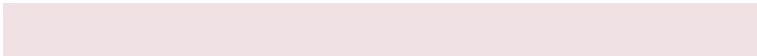
29.7036, 33.9284, 47.3889

Sweetspot

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



36.6843, 33.9299, 36.5144



76.9618, 78.1422, 85.0203



37.1960, 33.8852, 50.4794



16.4687, 16.6556, 18.1178



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.



36.6843, 33.9299, 36.5144



62.5788, 55.9921, 59.8302



37.4533, 36.6525, 33.1194



9.0918, 9.0471, 9.8307



13.9704, 7.1619, 2.4651



0.5176, 0.2625, 0.2193

Inverse Universe

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



36.6843, 33.9299, 36.5144



62.5788, 55.9921, 59.8302



36.4473, 40.7525, 51.8444



9.0918, 9.0471, 9.8307



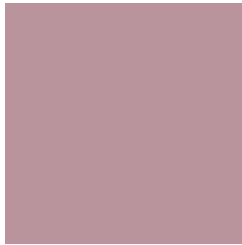
13.9704, 7.1619, 2.4651



0.5176, 0.2625, 0.2193

Previews

White Background



This preview shows how the XYZ color 36.6833, 33.9284, 36.5137 looks on a white background.

Color Contrast Check

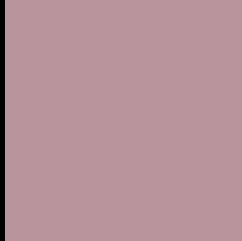
Large Text (above 18pt) WCAG AA × Fail

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 36.6833, 33.9284, 36.5137 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 36.6833, 33.9284, 36.5137

Background



This preview shows how black text looks on a background with the XYZ color 36.6833, 33.9284, 36.5137.



This preview shows how white text looks on a background with the XYZ color 36.6833, 33.9284,

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

36.6833, 33.9284, 36.5137

Protanopia

32.8766, 34.0935, 39.0303

Deuteranopia

34.6256, 34.0670, 36.2031



Tritanopia

36.8555, 33.9973, 37.4205

Trichromacy



Original Color

36.6833, 33.9284, 36.5137

Protanomaly

34.0492, 33.9741, 38.0208

Deuteranomaly

35.1988, 33.8806, 36.1369

Tritanomaly

36.7690, 33.9627, 36.9653

Monochromacy



Original Color

36.6833, 33.9284, 36.5137

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.5087, 34.7152, 37.6828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6833, 33.9284, 36.5137 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(185, 148, 157)` looks like.

```
.text, #text, p{  
    color:rgb(185, 148, 157)  
}
```

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(185, 148, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 148, 157) }
```

Border

The CSS property to change the border of an element to XYZ 36.6833, 33.9284, 36.5137 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(185, 148, 157) }
```


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

```
.border{ border-color:rgb(185, 148, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 148, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 148, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 148, 157);  
box-shadow:4px 4px 4px 4px rgb(185, 148,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6833, 33.9284, 36.5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 148, 157) }
```

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

```
.background{ background-color: rgb(185,  
148, 157) }
```

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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