

Converting Colors

XYZ(36.3168, 30.5775, 33.5031)

Have a look what the booklet for
XYZ(36.3168, 30.5775, 33.5031)
contains.

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Color

**XYZ(36.3032, 30.5114,
33.6817)**

Conversions

Conversions Part 1

Format	Color
Hex	C28598
RGB	194, 133, 152
RGB Percent	76%, 52%, 60%
CMY	0.2392, 0.4784, 0.4039
CMYK	0.00, 0.31, 0.22, 0.24
HSL	341°, 33%, 64%
HSV	341°, 31%, 76%
XYZ	36.3032, 30.5114, 33.6817
YIQ	153.4050, 30.2570, 18.8410

Conversions

Conversions Part 2

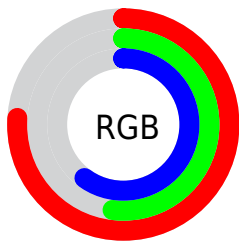
Format	Color
RYB	194, 133, 152
Decimal	12748184
CIELab	62.09, 26.17, -0.62
CIElCh	62, 26.176, 358.646
Yxy	30.5114, 0.3612, 0.3036
Android (android.graphics.Color)	4290938264 (0xFFC28598)
YUV	153.4050, -0.6927, 35.6018
Hunter-Lab	55.2371, 20.6496, 2.5130

Details

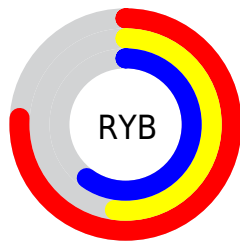
The XYZ color **36.3032, 30.5114, 33.6817** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.7039, 46.6661, 47.6327**, and the grayscale version is **30.4492, 32.0349, 34.8860**.

A 20% lighter version of the original color is **68.6946, 60.5061, 66.4508**, and **16.0897, 12.6151, 13.8989** is the 20% darker color. If you saturate the color by 10%, you get **32.8553, 25.2687, 27.4352**, and if you desaturate by 10%, it is **40.3666, 36.7873, 40.7421**.

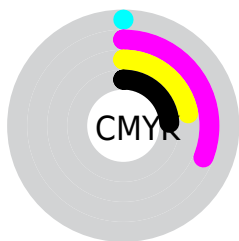
Distribution



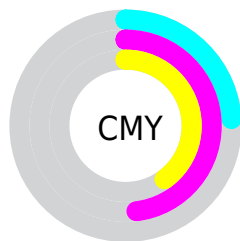
- Red (76%)
- Green (52%)
- Blue (60%)



- Red (76%)
- Yellow (52%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (22%)
- Black (24%)





- Cyan (24%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3032, 30.5114, 33.6817 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 36.3032, 30.5114, 33.6817 by changing the saturation by 10% instead.


 36.3032, 30.5114,
33.6817


 36.3032, 30.5114,
33.6817


321.6920,
304.2810, 333.4362


 24.8396, 20.2271,
22.3738


 68.8206, 60.4700,
66.5666

 16.0857, 12.5602,
13.9309

 90.6052, 80.9131,
88.9807

 9.6761, 7.1264,
7.9344


 116.5608,
105.5111, 115.9339

 5.2453, 3.5413,
3.9658

147.0528,
134.6487, 147.8448

 2.4281, 1.4204,
1.6066

182.4466,
168.7100, 185.1320

 0.8592, 0.2317,
0.2955

223.1075,

 0.0000, 0.0000,

208.0796, 228.2139

0.0000

269.4008,
253.1418, 277.5091

■ 36.3032, 30.5114,
33.6817

■ 36.3032, 30.5114,
33.6817

■ 32.8553, 25.2687,
27.4352

■ 40.3666, 36.7873,
40.7421

■ 29.9891, 20.9992,
21.9701

■ 45.0718, 44.1435,
48.6432

■ 27.6717, 17.6433,
17.2548


■ 50.4466, 52.6296,
57.4128


■ 25.8653, 15.1330,
13.2541


■ 56.5165, 62.2907,
67.0772

■ 24.5274, 13.3907,
9.9300

■ 63.3054, 73.1694,
77.6610

 23.6075, 12.3241,
7.2401

 70.8362, 85.3063,
89.1882

 23.0750, 11.8001,
5.3946

 74.5675, 89.6131,
100.1607

 76.0583, 90.2094,
108.0112

Harmonies

Analogous

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



35.1698, 30.5114, 44.3577



36.3032, 30.5114, 33.6817



35.3520, 30.5114, 24.7718

Triad

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



36.3032, 30.5114, 33.6817



25.8762, 30.5114, 18.9537



25.6204, 30.5114, 52.6671

Complementary

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



36.3032, 30.5114, 33.6817



36.7039, 46.6661, 47.6327

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.



23.4588, 30.5114, 43.4030



36.3032, 30.5114, 33.6817



23.5978, 30.5114, 24.1254

Square

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



36.3032, 30.5114, 33.6817



29.1603, 30.5114, 17.3722



22.7488, 30.5114, 32.7660



28.8406, 30.5114, 56.6008

Rectangle

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



36.3032, 30.5114, 33.6817



33.7038, 30.5114, 20.6967



22.7488, 30.5114, 32.7660



24.7559, 30.5114, 49.9917

Sweetspot

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



36.3041, 30.5128, 33.6823



83.7873, 83.3258, 91.6392



35.7345, 29.7490, 54.8980



18.0460, 17.7713, 19.5697



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.3041, 30.5128, 33.6823



61.1888, 48.2931, 52.7714



36.4839, 33.1663, 26.6709



10.1995, 10.1284, 11.1412



15.2039, 7.7713, 3.7199



0.6886, 0.3484, 0.3274

Inverse Universe

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



36.3041, 30.5128, 33.6823



61.1888, 48.2931, 52.7714



36.3073, 42.6740, 57.3626



10.1995, 10.1284, 11.1412



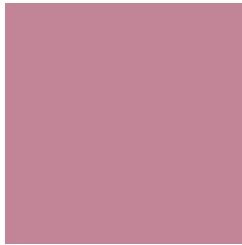
15.2039, 7.7713, 3.7199



0.6886, 0.3484, 0.3274

Previews

White Background



This preview shows how the XYZ color 36.3032, 30.5114, 33.6817 looks on a white background.

Color Contrast Check

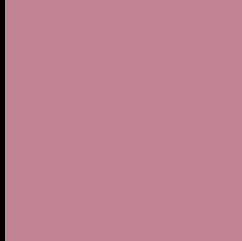
Large Text (above 18pt) WCAG AA × Fail

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 36.3032, 30.5114, 33.6817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

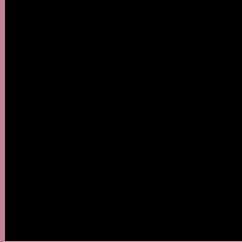
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3032, 30.5114, 33.6817

Background



This preview shows how black text looks on a background with the XYZ color 36.3032, 30.5114, 33.6817.



This preview shows how white text looks on a background with the XYZ color 36.3032, 30.5114,

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

36.3032, 30.5114, 33.6817

Protanopia

29.8467, 30.5876, 38.5133

Deuteranopia

31.3010, 30.7591, 33.1415



Tritanopia

35.6283, 30.4320, 30.7842

Trichromacy



Original Color

36.3032, 30.5114, 33.6817

Protanomaly

31.7199, 30.2205, 36.5091

Deuteranomaly

33.0153, 30.5142, 33.4279

Tritanomaly

35.8627, 30.5258, 32.0189

Monochromacy



Original Color

36.3032, 30.5114, 33.6817

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.1771, 31.1825, 34.4599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3032, 30.5114, 33.6817 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(194, 133, 152)` looks like.

```
.text, #text, p{  
    color:rgb(194, 133, 152)  
}
```

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(194, 133, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 133, 152) }
```

Border

The CSS property to change the border of an element to XYZ 36.3032, 30.5114, 33.6817 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(194, 133, 152) }
```


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

```
.border{ border-color:rgb(194, 133, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 133, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 133, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 133, 152);  
box-shadow:4px 4px 4px 4px rgb(194, 133,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3032, 30.5114, 33.6817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 133, 152) }
```

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

```
.background{ background-color: rgb(194,  
133, 152) }
```

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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