

Converting Colors

XYZ(33.2625, 30.2365, 36.9852)

Have a look what the booklet for
XYZ(33.2625, 30.2365, 36.9852)
contains.

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Color

**XYZ(33.3153, 30.3733,
36.9076)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8C9F
RGB	175, 140, 159
RGB Percent	69%, 55%, 62%
CMY	0.3137, 0.4510, 0.3765
CMYK	0.00, 0.20, 0.09, 0.31
HSL	327°, 18%, 62%
HSV	327°, 20%, 69%
XYZ	33.3153, 30.3733, 36.9076
YIQ	152.6310, 14.7610, 13.3290

Conversions

Conversions Part 2

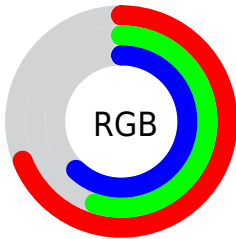
Format	Color
RYB	175, 140, 159
Decimal	11504799
CIELab	61.97, 16.44, -5.01
CIELCh	62, 17.185, 343.052
Yxy	30.3733, 0.3312, 0.3019
Android (android.graphics.Color)	4289694879 (0xFFAF8C9F)
YUV	152.6310, 3.1399, 19.6176
Hunter-Lab	55.1120, 11.4576, -1.1272

Details

The XYZ color **33.3153, 30.3733, 36.9076** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.1472, 38.6366, 37.2176**, and the grayscale version is **30.1010, 31.6686, 34.4871**.

A 20% lighter version of the original color is **64.3844, 60.4275, 71.8886**, and **14.3890, 12.5326, 15.8480** is the 20% darker color. If you saturate the color by 10%, you get **30.2869, 25.3916, 32.5830**, and if you desaturate by 10%, it is **36.7971, 36.1890, 41.6058**.

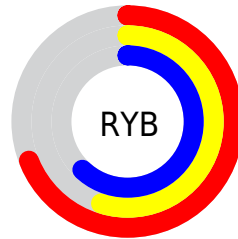
Distribution



Red (69%)

Green (55%)

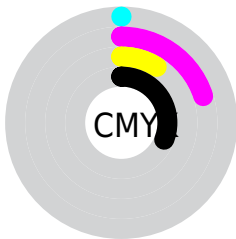
Blue (62%)



Red (69%)

Yellow (55%)

Blue (62%)

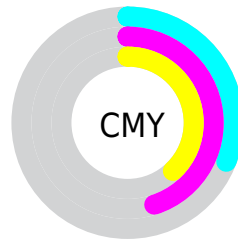


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (31%)



Cyan (31%)


Magenta (45%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3153, 30.3733, 36.9076 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 33.3153, 30.3733, 36.9076 by changing the saturation by 10% instead.


 33.3153, 30.3733,
36.9076


 33.3153, 30.3733,
36.9076


308.7080,
303.6406, 348.0669


 22.5285, 20.1221,
24.8407


 64.2189, 60.2520,
71.6154

 14.3645, 12.4838,
15.7405


 85.0663, 80.6484,
95.0934

 8.4580, 7.0741,
9.1883


 109.9981,
105.1952, 123.2122

 4.4436, 3.5085,
4.7657

139.3794,
134.2769, 156.3903

 1.9561, 1.4026,
2.0542

173.5757,
168.2779, 195.0463

 0.6091, 0.2186,
0.5883

212.9523,

 0.0000, 0.0000,

207.5826, 239.5987

0.0000

257.8747,
252.5754, 290.4661

■ 33.3153, 30.3733,
36.9076

■ 33.3153, 30.3733,
36.9076

■ 30.2869, 25.3916,
32.5830

■ 36.7971, 36.1890,
41.6058

■ 27.6893, 21.2012,
28.6192

■ 40.7483, 42.8709,
46.6860

■ 25.5016, 17.7615,
25.0054

■ 45.1876, 50.4542,
52.1585

■ 23.7004, 15.0271,
21.7293

■ 50.1315, 58.9712,
58.0329

■ 22.2596, 12.9471,
18.7776

■ 55.5961, 68.4524,
64.3182

■ 21.1496, 11.4640,
16.1359

■ 61.5964, 78.9270,
71.0230

■ 20.3357, 10.5099,
13.7876

■ 65.7060, 85.5407,
77.3422

■ 19.7448, 9.9403,
11.7032

■ 66.7597, 85.9622,
82.8909

■ 19.7447, 9.9402,
11.7028

■ 67.8643, 86.4040,
88.7080

Harmonies

Analogous

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



31.9986, 30.3733, 43.2310



33.3153, 30.3733, 36.9076



33.4011, 30.3733, 30.2892

Triad

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



33.3153, 30.3733, 36.9076



27.8804, 30.3733, 22.1916



25.7525, 30.3733, 42.5063

Complementary

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



33.3153, 30.3733, 36.9076



32.1472, 38.6366, 37.2176

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.



24.7665, 30.3733, 36.0189



33.3153, 30.3733, 36.9076



25.9503, 30.3733, 24.6429

Square

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



33.3153, 30.3733, 36.9076



30.1791, 30.3733, 22.3631



24.8369, 30.3733, 29.5106



27.5972, 30.3733, 46.7463

Rectangle

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



33.3153, 30.3733, 36.9076



32.7418, 30.3733, 26.6256



24.8369, 30.3733, 29.5106



25.3141, 30.3733, 40.4815

Sweetspot

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



33.3162, 30.3747, 36.9082



68.5553, 69.2847, 77.9744



30.7791, 28.8958, 44.5132



15.1392, 15.2339, 17.2039



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.3162, 30.3747, 36.9082



57.1736, 50.2782, 62.5982



31.9221, 29.8170, 29.5672



8.1802, 8.0853, 9.2598



14.1710, 7.1309, 8.5458



0.4214, 0.2092, 0.3809

Inverse Universe

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



33.3162, 30.3747, 36.9082



57.1736, 50.2782, 62.5982



33.7132, 39.2630, 45.4643



8.1802, 8.0853, 9.2598



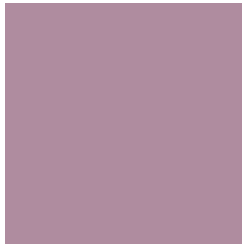
14.1710, 7.1309, 8.5458



0.4214, 0.2092, 0.3809

Previews

White Background



This preview shows how the XYZ color 33.3153, 30.3733, 36.9076 looks on a white background.

Color Contrast Check

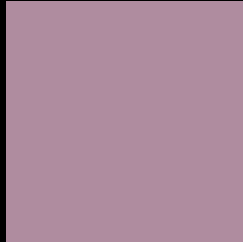
Large Text (above 18pt) WCAG AA × Fail

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 33.3153, 30.3733, 36.9076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

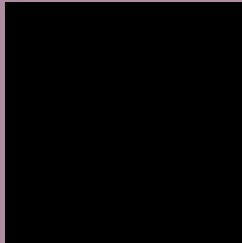
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.3153, 30.3733, 36.9076

Background



This preview shows how black text looks on a background with the XYZ color 33.3153, 30.3733, 36.9076.



This preview shows how white text looks on a background with the XYZ color 33.3153, 30.3733,

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

33.3153, 30.3733, 36.9076

Protanopia

29.7517, 30.5074, 39.9177

Deuteranopia

31.1484, 30.6035, 36.6131



Tritanopia

32.6479, 30.3154, 33.8365

Trichromacy



Original Color

33.3153, 30.3733, 36.9076

Protanomaly

30.9903, 30.4712, 38.8985

Deuteranomaly

31.8707, 30.5221, 36.5593

Tritanomaly

32.8968, 30.4150, 35.1472

Monochromacy



Original Color

33.3153, 30.3733, 36.9076

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.2042, 31.1234, 35.3731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3153, 30.3733, 36.9076 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(175, 140, 159)` looks like.

```
.text, #text, p{  
    color:rgb(175, 140, 159)  
}
```

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(175, 140, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 140, 159) }
```

Border

The CSS property to change the border of an element to XYZ 33.3153, 30.3733, 36.9076 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(175, 140, 159) }
```


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

```
.border{ border-color:rgb(175, 140, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 140, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 140, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 140, 159);  
box-shadow:4px 4px 4px 4px rgb(175, 140,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3153, 30.3733, 36.9076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 140, 159) }
```

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

```
.background{ background-color: rgb(175,  
140, 159) }
```

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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