

Converting Colors

XYZ(36.6878, 35.5033, 30.5104)

Have a look what the booklet for
XYZ(36.6878, 35.5033, 30.5104)
contains.

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Color

**XYZ(36.6878, 35.5033,
30.5104)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9A8E
RGB	186, 154, 142
RGB Percent	73%, 60%, 56%
CMY	0.2706, 0.3961, 0.4431
CMYK	0.00, 0.17, 0.24, 0.27
HSL	16°, 24%, 64%
HSV	16°, 24%, 73%
XYZ	36.6878, 35.5033, 30.5104
YIQ	162.2000, 22.9240, 3.0520

Conversions

Conversions Part 2

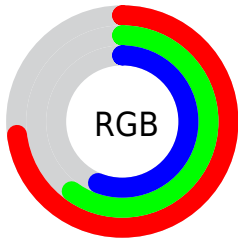
Format	Color
R _Y B	186, 159, 142
Decimal	12229262
CIE Lab	66.14, 10.01, 10.74
CIE LCh	66, 14.681, 47.031
Yxy	35.5033, 0.3572, 0.3457
Android (android.graphics.Color)	4290419342 (0xFFBA9A8E)
YUV	162.2000, -9.9586, 20.8726
Hunter-Lab	59.5846, 5.6339, 11.3497

Details

The XYZ color **36.6878, 35.5033, 30.5104** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.1540, 39.5671, 52.2390**, and the grayscale version is **34.4749, 36.2702, 39.4983**.

A 20% lighter version of the original color is **69.4818, 68.1520, 61.7171**, and **16.2977, 15.3787, 12.2346** is the 20% darker color. If you saturate the color by 10%, you get **33.2983, 30.7757, 23.0562**, and if you desaturate by 10%, it is **40.5638, 40.8305, 39.2773**.

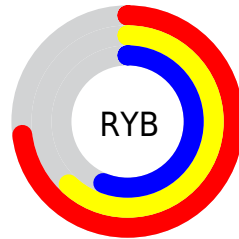
Distribution



Red (73%)

Green (60%)

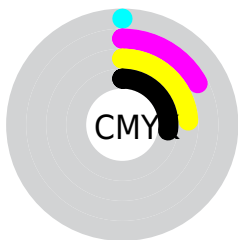
Blue (56%)



Red (73%)

Yellow (62%)

Blue (56%)

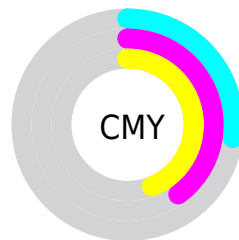


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6878, 35.5033, 30.5104 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 36.6878, 35.5033, 30.5104 by changing the saturation by 10% instead.


 36.6878, 35.5033,
30.5104


 36.6878, 35.5033,
30.5104


323.3359,
326.7843, 318.5574


 25.1384, 24.0508,
19.9710


 69.4093, 68.2647,
61.5389

 16.3095, 15.3713,
12.1901


 91.3122, 90.3425,
82.8651

 9.8357, 9.0804,
6.7492


 117.3969,
116.7308, 108.6240

 5.3516, 4.7937,
3.2297

148.0288,
147.8140, 139.2341

 2.4918, 2.1267,
1.2131

183.5733,
183.9766, 175.1139

 0.8911, 0.6796,
0.0000

224.3958,

 0.0000, 0.0000,

225.6029, 216.6821

0.0000

270.8615,
273.0774, 264.3570

■ 36.6878, 35.5033,
30.5104

■ 36.6878, 35.5033,
30.5104

■ 33.2983, 30.7757,
23.0562

■ 40.5638, 40.8305,
39.2773

■ 30.3727, 26.6216,
16.8488

■ 44.9422, 46.7726,
49.4140

■ 27.8905, 23.0201,
11.8200

■ 49.8415, 53.3504,
60.9768

■ 25.8288, 19.9471,
7.8941

■ 55.2786, 60.5822,
74.0183

■ 24.1621, 17.3766,
4.9864

■ 61.2695, 68.4855,
88.5882

■ 22.8620, 15.2803,
2.9998

■ 67.8294, 77.0774,
104.7342

■ 21.8956, 13.6266,
1.8176

■ 72.0783, 85.2161,
107.2572

■ 21.4224, 12.7844,
1.3385

■ 74.0598, 89.1792,
107.9177

Harmonies

Analogous

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



37.9199, 35.5033, 35.2417



36.6878, 35.5033, 30.5104



34.6958, 35.5033, 28.0849

Triad

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



36.6878, 35.5033, 30.5104



29.8171, 35.5033, 36.0211



34.9893, 35.5033, 51.3295

Complementary

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



36.6878, 35.5033, 30.5104



35.1540, 39.5671, 52.2390

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.



32.8114, 35.5033, 51.5963



36.6878, 35.5033, 30.5104



29.8880, 35.5033, 42.2862

Square

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



36.6878, 35.5033, 30.5104



30.7654, 35.5033, 31.0278



30.9636, 35.5033, 48.1383



36.9107, 35.5033, 47.4444

Rectangle

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



36.6878, 35.5033, 30.5104



33.2336, 35.5033, 27.9105



30.9636, 35.5033, 48.1383



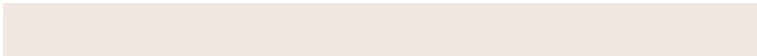
34.2613, 35.5033, 51.8590

Sweetspot

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



36.6888, 35.5049, 30.5111



78.6086, 80.9221, 82.9200



37.5891, 32.8520, 44.5411



17.2040, 17.6756, 18.0123



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.



36.6888, 35.5049, 30.5111



63.4381, 60.1005, 48.5164



40.6056, 43.3386, 31.8168



9.1987, 9.4003, 9.4365



14.4669, 8.7101, 0.9187



0.5633, 0.4137, 0.0502

Inverse Universe

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



35.1540, 39.5671, 52.2390



60.2012, 68.6474, 94.2787



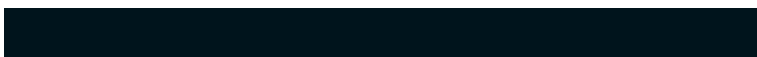
31.2903, 31.8396, 50.9511



9.0539, 9.7850, 11.4909



11.8806, 14.2209, 33.3718



0.4674, 0.5985, 1.1926

Previews

White Background



This preview shows how the XYZ color 36.6878, 35.5033, 30.5104 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 36.6878, 35.5033, 30.5104 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 36.6878, 35.5033, 30.5104

Background



This preview shows how black text looks on a background with the XYZ color 36.6878, 35.5033, 30.5104.



This preview shows how white text looks on a background with the XYZ color 36.6878, 35.5033,

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

36.6878, 35.5033, 30.5104

Protanopia

33.6180, 35.4014, 31.8494

Deuteranopia

36.1323, 35.4630, 30.5318



Tritanopia

38.4165, 35.4689, 39.4717

Trichromacy



Original Color

36.6878, 35.5033, 30.5104

Protanomaly

34.7165, 35.4660, 31.4014

Deuteranomaly

36.3710, 35.5860, 30.5430

Tritanomaly

37.6381, 35.3878, 35.8571

Monochromacy



Original Color

36.6878, 35.5033, 30.5104

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.1091, 35.8208, 36.0740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6878, 35.5033, 30.5104 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, 154, 142)` looks like.

```
.text, #text, p{  
    color:rgb(186, 154, 142)  
}
```

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, 154, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 154, 142) }
```

Border

The CSS property to change the border of an element to XYZ 36.6878, 35.5033, 30.5104 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, 154, 142) }
```


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

```
.border{ border-color:rgb(186, 154, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 154, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 154, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 154, 142);  
box-shadow:4px 4px 4px 4px rgb(186, 154,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6878, 35.5033, 30.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 154, 142) }
```

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

```
.background{ background-color: rgb(186,  
154, 142) }
```

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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