

Converting Colors

XYZ(36.2935, 34.5081, 29.8307)

Have a look what the booklet for
XYZ(36.2935, 34.5081, 29.8307)
contains.

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Color

**XYZ(36.3678, 34.6211,
29.9651)**

Conversions

Conversions Part 1

Format	Color
Hex	BB978D
RGB	187, 151, 141
RGB Percent	73%, 59%, 55%
CMY	0.2667, 0.4078, 0.4471
CMYK	0.00, 0.19, 0.25, 0.27
HSL	13°, 25%, 64%
HSV	13°, 25%, 73%
XYZ	36.3678, 34.6211, 29.9651
YIQ	160.6240, 24.6660, 4.5220

Conversions

Conversions Part 2

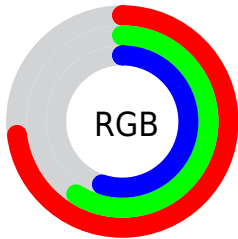
Format	Color
RYB	187, 154, 141
Decimal	12294029
CIELab	65.45, 11.90, 10.34
CIElCh	65, 15.769, 40.993
Yxy	34.6211, 0.3602, 0.3429
Android (android.graphics.Color)	4290484109 (0xFFBB978D)
YUV	160.6240, -9.6746, 23.1318
Hunter-Lab	58.8397, 7.3583, 10.9934

Details

The XYZ color **36.3678, 34.6211, 29.9651** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.6758, 40.6936, 52.9881**, and the grayscale version is **33.7380, 35.4950, 38.6541**.

A 20% lighter version of the original color is **68.9899, 66.8359, 60.8942**, and **16.1184, 14.8562, 11.9155** is the 20% darker color. If you saturate the color by 10%, you get **32.8817, 29.6906, 22.5082**, and if you desaturate by 10%, it is **40.3831, 40.2334, 38.7583**.

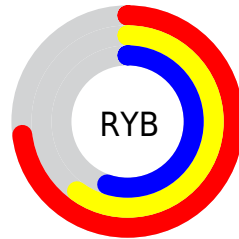
Distribution



Red (73%)

Green (59%)

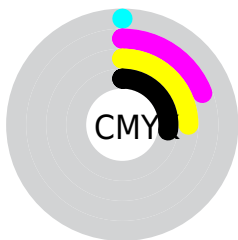
Blue (55%)



Red (73%)

Yellow (60%)

Blue (55%)

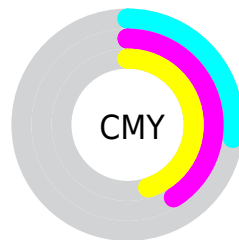


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (27%)



Cyan (27%)


Magenta (41%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3678, 34.6211, 29.9651 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 36.3678, 34.6211, 29.9651 by changing the saturation by 10% instead.


 36.3678, 34.6211,
29.9651


 36.3678, 34.6211,
29.9651


321.9686,
322.8927, 315.9440


 24.8898, 23.3712,
19.5603


 68.9195, 66.8984,
60.6673

 16.1233, 14.8678,
11.8949


 90.7240, 88.6945,
81.8018

 9.7028, 8.7267,
6.5505


 116.7014,
114.7748, 107.3499

 5.2631, 4.5633,
3.1085

147.2169,
145.5236, 137.7302

 2.4388, 1.9934,
1.1503

182.6361,
181.3255, 173.3613

 0.8645, 0.6036,
0.0000

223.3241,

 0.0000, 0.0000,

222.5647, 214.6615

0.0000

269.6465,
269.6256, 262.0496

■ 36.3678, 34.6211,
29.9651

■ 36.3678, 34.6211,
29.9651

■ 32.8817, 29.6906,
22.5082

■ 40.3831, 40.2334,
38.7583

■ 29.8995, 25.4111,
16.3197

■ 44.9459, 46.5475,
48.9467

■ 27.3980, 21.7564,
11.3292

■ 50.0769, 53.5881,
60.5884

■ 25.3510, 18.6968,
7.4581

■ 55.7952, 61.3777,
73.7375

■ 23.7297, 16.2000,
4.6189

■ 62.1186, 69.9375,
88.4453

■ 22.5017, 14.2303,
2.7103

■ 69.0645, 79.2880,
104.7608

■ 21.6294, 12.7479,
1.6107

■ 73.8071, 88.3120,
107.7636

■ 21.2750, 12.1278,
1.2196

■ 74.3035, 89.3048,
107.9291

Harmonies

Analogous

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



37.4537, 34.6211, 35.3265



36.3678, 34.6211, 29.9651



34.3716, 34.6211, 26.9197

Triad

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



36.3678, 34.6211, 29.9651



28.8896, 34.6211, 33.7101



33.7591, 34.6211, 51.5867

Complementary

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



36.3678, 34.6211, 29.9651



35.6758, 40.6936, 52.9881

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.



31.4833, 34.6211, 51.0226



36.3678, 34.6211, 29.9651



28.7428, 34.6211, 40.1702

Square

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



36.3678, 34.6211, 29.9651



30.0826, 34.6211, 28.9011



29.6718, 34.6211, 46.6550



35.9014, 34.6211, 48.1166

Rectangle

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



36.3678, 34.6211, 29.9651



32.8295, 34.6211, 26.3719



29.6718, 34.6211, 46.6550



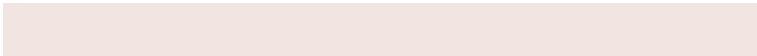
32.9832, 34.6211, 51.8721

Sweetspot

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



36.3687, 34.6227, 29.9658



78.3482, 80.4015, 82.8332



37.9578, 32.7906, 45.9412



17.1422, 17.5520, 17.9917



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.



36.3687, 34.6227, 29.9658



61.3479, 56.6648, 45.5238



40.4310, 42.7473, 31.3199



9.6939, 9.8638, 9.9696



14.7033, 8.4453, 0.8552



0.6253, 0.4296, 0.0500

Inverse Universe

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



35.6758, 40.6936, 52.9881



59.8680, 69.5597, 94.4724



31.5156, 32.3732, 51.6013



9.6278, 10.4478, 12.1814



13.3525, 16.8167, 34.9351



0.5676, 0.7478, 1.3833

Previews

White Background



This preview shows how the XYZ color 36.3678, 34.6211, 29.9651 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 36.3678, 34.6211, 29.9651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

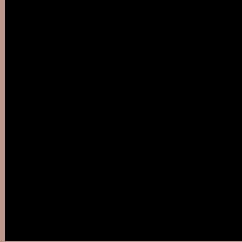
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3678, 34.6211, 29.9651

Background



This preview shows how black text looks on a background with the XYZ color 36.3678, 34.6211, 29.9651.



This preview shows how white text looks on a background with the XYZ color 36.3678, 34.6211,

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

36.3678, 34.6211, 29.9651

Protanopia

33.0260, 34.8399, 31.7722

Deuteranopia

35.2550, 34.5293, 30.0060



Tritanopia

37.9213, 34.5367, 37.9253

Trichromacy



Original Color

36.3678, 34.6211, 29.9651

Protanomaly

34.1561, 34.6748, 31.2782

Deuteranomaly

35.5644, 34.4468, 29.9738

Tritanomaly

37.2363, 34.4862, 34.8309

Monochromacy



Original Color

36.3678, 34.6211, 29.9651

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4673, 34.9931, 35.5096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3678, 34.6211, 29.9651 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(187, 151, 141)` looks like.

```
.text, #text, p{  
    color:rgb(187, 151, 141)  
}
```

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(187, 151, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 151, 141) }
```

Border

The CSS property to change the border of an element to XYZ 36.3678, 34.6211, 29.9651 is called "border". The border property can be set on classes, ids or directly on the HTML element.

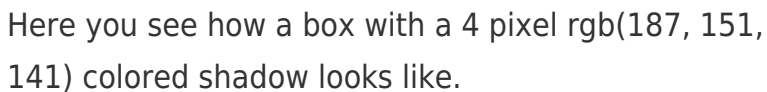
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 151, 141) }
```


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

```
.border{ border-color:rgb(187, 151, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 151, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 151, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 151, 141); box-shadow:4px 4px 4px 4px rgb(187, 151, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3678, 34.6211, 29.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 151, 141) }
```

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

```
.background{ background-color: rgb(187,  
151, 141) }
```

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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