

Converting Colors

XYZ(35.3892, 34.1401, 29.4111)

Have a look what the booklet for
XYZ(35.3892, 34.1401, 29.4111)
contains.

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Color

**XYZ(35.3287, 34.0939,
29.5297)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B7978C |
| RGB | 183, 151, 140 |
| RGB Percent | 72%, 59%, 55% |
| CMY | 0.2824, 0.4078, 0.4510 |
| CMYK | 0.00, 0.17, 0.23, 0.28 |
| HSL | 15°, 23%, 63% |
| HSV | 15°, 23%, 72% |
| XYZ | 35.3287, 34.0939, 29.5297 |
| YIQ | 159.3140, 22.6030, 3.3630 |

Conversions

Conversions Part 2

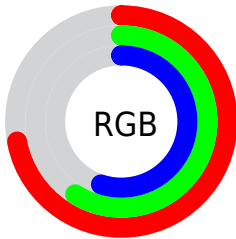
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 183, 155, 140 |
| Decimal | 12031884 |
| CIE Lab | 65.04, 10.20, 10.26 |
| CIE LCh | 65, 14.470, 45.161 |
| Yxy | 34.0939, 0.3570, 0.3445 |
| Android (android.graphics.Color) | 4290221964 (0xFFB7978C) |
| YUV | 159.3140, -9.5218, 20.7726 |
| Hunter-Lab | 58.3900, 5.8185, 10.8881 |

Details

The XYZ color **35.3287, 34.0939, 29.5297** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.1148, 38.4986, 50.4330**, and the grayscale version is **33.1341, 34.8596, 37.9622**.

A 20% lighter version of the original color is **67.1655, 65.9084, 60.2205**, and **15.4559, 14.5197, 11.6608** is the 20% darker color. If you saturate the color by 10%, you get **32.0237, 29.4667, 22.3152**, and if you desaturate by 10%, it is **39.1131, 39.3203, 38.0120**.

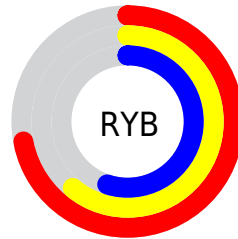
Distribution



Red (72%)

Green (59%)

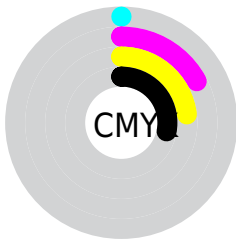
Blue (55%)



Red (72%)

Yellow (61%)

Blue (55%)

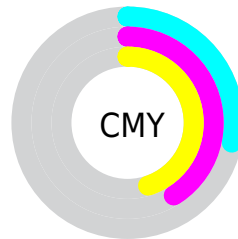


Cyan (0%)

Magenta (17%)

Yellow (23%)

Black (28%)



Cyan (28%)

Magenta (41%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3287, 34.0939, 29.5297 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 35.3287, 34.0939, 29.5297 by changing the saturation by 10% instead.

 35.3287, 34.0939,
29.5297


 35.3287, 34.0939,
29.5297


317.4995,
320.5505, 313.8449


 24.0839, 22.9657,
19.2329


 67.3253, 66.0797,
59.9698

 15.5209, 14.5682,
11.6602

 88.8079, 87.7061,
80.9502

 9.2745, 8.5169,
6.3930


 114.4337,
113.6007, 106.3288

 4.9792, 4.4275,
3.0129

144.5681,
144.1479, 136.5243

 2.2697, 1.9154,
1.1012

179.5766,
179.7321, 171.9550

 0.7791, 0.5576,
0.0000

219.8244,

 0.0000, 0.0000,

220.7376, 213.0397

0.0000

265.6769,
267.5490, 260.1968

■ 35.3287, 34.0939,
29.5297

■ 35.3287, 34.0939,
29.5297

■ 32.0237, 29.4667,
22.3152

■ 39.1131, 39.3203,
38.0120

■ 29.1758, 25.4124,
16.3051

■ 43.3927, 45.1617,
47.8170

■ 26.7647, 21.9097,
11.4337

■ 48.1858, 51.6391,
58.9990

■ 24.7676, 18.9340,
7.6282

■ 53.5092, 58.7712,
71.6087

■ 23.1595, 16.4589,
4.8070

■ 59.3785, 66.5756,
85.6940

■ 21.9122, 14.4555,
2.8771

■ 65.8091, 75.0696,
101.3008

■ 20.9932, 12.8914,
1.7265

■ 70.6333, 83.3969,
106.9822

■ 20.5383, 12.0867,
1.2505

■ 73.3386, 88.8074,
107.8839

Harmonies

Analogous

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



36.4499, 34.0939, 34.1868



35.3287, 34.0939, 29.5297



33.4476, 34.0939, 27.0521

Triad

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



35.3287, 34.0939, 29.5297



28.6660, 34.0939, 34.2463



33.4700, 34.0939, 49.4049

Complementary

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



35.3287, 34.0939, 29.5297



34.1148, 38.4986, 50.4330

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.



31.3847, 34.0939, 49.4252



35.3287, 34.0939, 29.5297



28.6714, 34.0939, 40.2215

Square

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



35.3287, 34.0939, 29.5297



29.6325, 34.0939, 29.5692



29.6477, 34.0939, 45.9165



35.3457, 34.0939, 45.8635

Rectangle

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



35.3287, 34.0939, 29.5297



32.0443, 34.0939, 26.7794



29.6477, 34.0939, 45.9165



32.7689, 34.0939, 49.8353

Sweetspot

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



35.3296, 34.0955, 29.5304



74.8368, 76.9678, 79.0043



36.3774, 31.8121, 43.3792



16.4271, 16.8607, 17.2154



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.



35.3296, 34.0955, 29.5304



60.2295, 56.8163, 46.1945



39.0626, 41.5615, 30.7747



9.1864, 9.3758, 9.4324



14.3756, 8.5275, 0.8883



0.5582, 0.4034, 0.0484

Inverse Universe

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



34.1148, 38.4986, 50.4330



57.6825, 66.0224, 89.9391



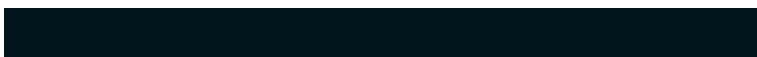
30.3893, 31.0476, 49.1912



9.0669, 9.8110, 11.4953



12.1789, 14.8174, 33.4712



0.4760, 0.6157, 1.1955

Previews

White Background



This preview shows how the XYZ color 35.3287, 34.0939, 29.5297 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 35.3287, 34.0939, 29.5297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

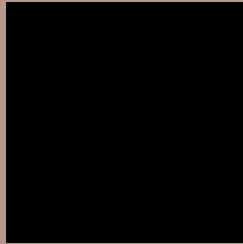
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3287, 34.0939, 29.5297

Background



This preview shows how black text looks on a background with the XYZ color 35.3287, 34.0939, 29.5297.



This preview shows how white text looks on a background with the XYZ color 35.3287, 34.0939,

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

35.3287, 34.0939, 29.5297

Protanopia

32.3247, 33.9896, 30.8436

Deuteranopia

34.7843, 34.0532, 29.5505



Tritanopia

36.9427, 34.0322, 37.8795

Trichromacy



Original Color

35.3287, 34.0939, 29.5297

Protanomaly

33.3984, 34.0536, 30.4039

Deuteranomaly

35.0179, 34.1737, 29.5615

Tritanomaly

36.2644, 33.9851, 34.7854

Monochromacy



Original Color

35.3287, 34.0939, 29.5297

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.7044, 34.3688, 34.5632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3287, 34.0939, 29.5297 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(183, 151, 140)` looks like.

```
.text, #text, p{  
    color:rgb(183, 151, 140)  
}
```

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(183, 151, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 151, 140) }
```

Border

The CSS property to change the border of an element to XYZ 35.3287, 34.0939, 29.5297 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(183, 151, 140) }
```


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

```
.border{ border-color:rgb(183, 151, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 151, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 151, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 151, 140);  
box-shadow:4px 4px 4px 4px rgb(183, 151,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3287, 34.0939, 29.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 151, 140) }
```

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

```
.background{ background-color: rgb(183,  
151, 140) }
```

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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