

Converting Colors

XYZ(34.0641, 29.6815, 28.1872)

Have a look what the booklet for
XYZ(34.0641, 29.6815, 28.1872)
contains.

XYZ(34.1716, 29.7331, 28.3641)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.1716, 29.7331,
28.3641)**

Conversions

Conversions Part 1

Format	Color
Hex	BD868B
RGB	189, 134, 139
RGB Percent	74%, 53%, 55%
CMY	0.2588, 0.4745, 0.4549
CMYK	0.00, 0.29, 0.26, 0.26
HSL	355°, 29%, 63%
HSV	355°, 29%, 74%
XYZ	34.1716, 29.7331, 28.3641
YIQ	151.0150, 31.1750, 13.2150

Conversions

Conversions Part 2

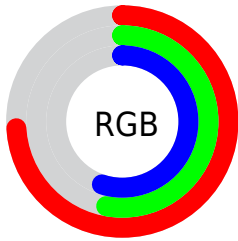
Format	Color
RYB	189, 134, 139
Decimal	12420747
CIELab	61.42, 21.81, 5.76
CIElCh	61, 22.558, 14.784
Yxy	29.7331, 0.3703, 0.3222
Android (android.graphics.Color)	4290610827 (0xFFBD868B)
YUV	151.0150, -5.9234, 33.3128
Hunter-Lab	54.5281, 16.4381, 7.3285

Details

The XYZ color **34.1716, 29.7331, 28.3641** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.6822, 44.9250, 52.0878**, and the grayscale version is **29.4377, 30.9708, 33.7272**.

A 20% lighter version of the original color is **65.5037, 59.3650, 57.8754**, and **14.8050, 12.1302, 11.0123** is the 20% darker color. If you saturate the color by 10%, you get **30.6306, 24.5049, 21.4687**, and if you desaturate by 10%, it is **38.3784, 35.9767, 36.4557**.

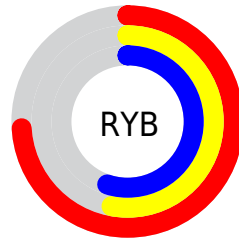
Distribution



Red (74%)

Green (53%)

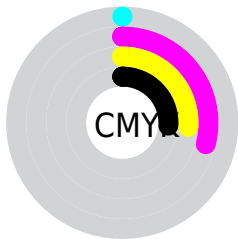
Blue (55%)



Red (74%)

Yellow (53%)

Blue (55%)

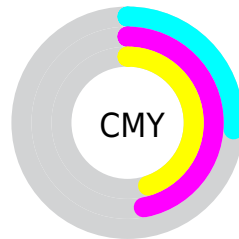


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (26%)



Cyan (26%)


Magenta (47%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1716, 29.7331, 28.3641 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 34.1716, 29.7331, 28.3641 by changing the saturation by 10% instead.


 34.1716, 29.7331,
28.3641


 34.1716, 29.7331,
28.3641


312.4690,
300.6584, 308.1692


 23.1890, 19.6361,
18.3589


 65.5430, 59.2398,
58.0953

 14.8546, 12.1308,
11.0358


 86.6624, 79.4184,
78.6584

 8.8030, 6.8328,
5.9765


 111.8915,
103.7262, 103.5778

 4.6690, 3.3578,
2.7622

141.5955,
132.5477, 133.2721

 2.0871, 1.3212,
0.9745

176.1400,
166.2672, 168.1598

 0.6822, 0.1576,
0.0000

215.8901,

 0.0000, 0.0000,

205.2693, 208.6596

0.0000

261.2114,
249.9382, 255.1898

■ 34.1716, 29.7331,
28.3641

■ 34.1716, 29.7331,
28.3641

■ 30.6306, 24.5049,
21.4687

■ 38.3784, 35.9767,
36.4557

■ 27.7190, 20.2344,
15.7111

■ 43.2802, 43.2811,
45.7946

■ 25.4004, 16.8649,
11.0304

■ 48.9074, 51.6937,
56.4312

■ 23.6339, 14.3315,
7.3595

■ 55.2879, 61.2582,
68.4125

■ 22.3732, 12.5611,
4.6238

■ 62.4481, 72.0156,
81.7832

■ 21.5643, 11.4676,
2.7382

■ 70.4131, 84.0052,
96.5860

■ 21.1200, 10.9019,
1.5947

■ 74.7964, 89.5589,
107.9521

■ 21.0889, 10.8599,
1.5220

Harmonies

Analogous

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



34.1589, 29.7331, 36.8758



34.1716, 29.7331, 28.3641



32.5263, 29.7331, 22.1342

Triad

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



34.1716, 29.7331, 28.3641



24.4126, 29.7331, 22.0665



26.7829, 29.7331, 50.9346

Complementary

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



34.1716, 29.7331, 28.3641



36.6822, 44.9250, 52.0878

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.



24.3849, 29.7331, 45.3670



34.1716, 29.7331, 28.3641



23.0833, 29.7331, 28.2549

Square

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



34.1716, 29.7331, 28.3641



26.8231, 29.7331, 18.9567



23.0736, 29.7331, 36.7457



29.7482, 29.7331, 50.9779

Rectangle

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



34.1716, 29.7331, 28.3641



30.7729, 29.7331, 19.6800



23.0736, 29.7331, 36.7457



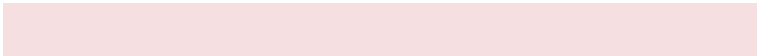
25.8885, 29.7331, 49.6089

Sweetspot

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



34.1724, 29.7345, 28.3647



77.4714, 77.4517, 81.9359



37.3589, 30.8545, 52.1309



16.3678, 16.2197, 17.0654



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.



34.1724, 29.7345, 28.3647



56.9714, 47.0006, 42.5819



37.1788, 36.3182, 27.6066



9.5644, 9.5501, 10.0953



14.2020, 7.3119, 1.0913



0.5683, 0.2912, 0.1061

Inverse Universe

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



34.1724, 29.7345, 28.3647



56.9714, 47.0006, 42.5819



32.8368, 36.3811, 53.4360



9.5644, 9.5501, 10.0953



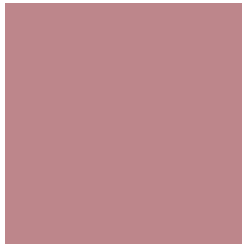
14.2020, 7.3119, 1.0913



0.5683, 0.2912, 0.1061

Previews

White Background



This preview shows how the XYZ color 34.1716, 29.7331, 28.3641 looks on a white background.

Color Contrast Check

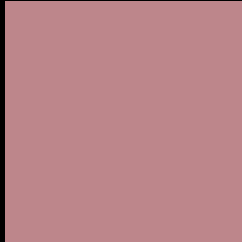
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1716, 29.7331, 28.3641 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 × Fail

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

XYZ 34.1716, 29.7331, 28.3641

Background



This preview shows how black text looks on a background with the XYZ color 34.1716, 29.7331, 28.3641.



This preview shows how white text looks on a background with the XYZ color 34.1716, 29.7331,

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

34.1716, 29.7331, 28.3641

Protanopia

28.8053, 29.9618, 31.8688

Deuteranopia

30.2742, 29.6666, 27.7975



Tritanopia

34.3317, 29.5770, 29.8861

Trichromacy



Original Color

34.1716, 29.7331, 28.3641

Protanomaly

30.3736, 29.6579, 30.5092

Deuteranomaly

31.6447, 29.7051, 28.1106

Tritanomaly

34.2563, 29.5469, 29.4888

Monochromacy



Original Color

34.1716, 29.7331, 28.3641

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.9089, 30.3567, 31.8341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1716, 29.7331, 28.3641 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(189, 134, 139)` looks like.

```
.text, #text, p{  
    color:rgb(189, 134, 139)  
}
```

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(189, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 134, 139) }
```

Border

The CSS property to change the border of an element to XYZ 34.1716, 29.7331, 28.3641 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(189, 134, 139) }
```


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

```
.border{ border-color:rgb(189, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(189, 134,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1716, 29.7331, 28.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 134, 139) }
```

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

```
.background{ background-color: rgb(189,  
134, 139) }
```

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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