

Converting Colors

XYZ(33.4292, 29.1030, 30.2411)

Have a look what the booklet for
XYZ(33.4292, 29.1030, 30.2411)
contains.

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Color

**XYZ(33.4292, 29.1030,
30.2411)**

Conversions

Conversions Part 1

Format	Color
Hex	B98590
RGB	185, 133, 144
RGB Percent	73%, 52%, 56%
CMY	0.2745, 0.4784, 0.4353
CMYK	0.00, 0.28, 0.22, 0.27
HSL	347°, 27%, 62%
HSV	347°, 28%, 73%
XYZ	33.4292, 29.1030, 30.2411
YIQ	149.8020, 27.4610, 14.4450

Conversions

Conversions Part 2

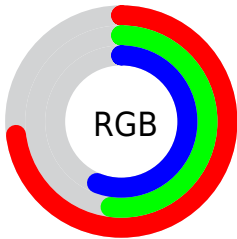
Format	Color
R_{YB}	185, 133, 144
Decimal	12158352
CIE _{Lab}	60.87, 21.59, 2.05
CIE _{LCh}	61, 21.689, 5.421
Yxy	29.1030, 0.3603, 0.3137
Android (android.graphics.Color)	4290348432 (0xFFB98590)
YUV	149.8020, -2.8604, 30.8686
Hunter-Lab	53.9472, 16.2026, 4.5269

Details

The XYZ color **33.4292, 29.1030, 30.2411** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.6631, 42.7412, 46.4695**, and the grayscale version is **28.9098, 30.4154, 33.1223**.

A 20% lighter version of the original color is **64.3699, 58.0723, 61.2425**, and **14.4737, 11.8200, 12.1083** is the 20% darker color. If you saturate the color by 10%, you get **30.0721, 24.0591, 23.9721**, and if you desaturate by 10%, it is **37.3781, 35.0993, 37.4188**.

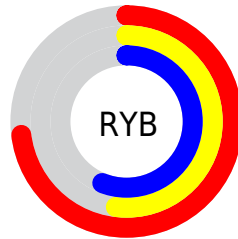
Distribution



Red (73%)

Green (52%)

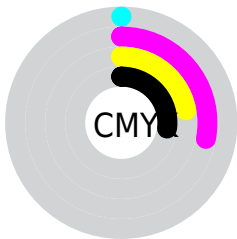
Blue (56%)



Red (73%)

Yellow (52%)

Blue (56%)

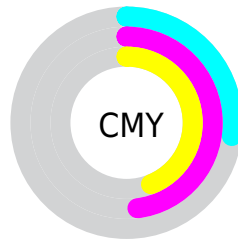


Cyan (0%)

Magenta (28%)

Yellow (22%)

Black (27%)



Cyan (27%)


Magenta (48%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4292, 29.1030, 30.2411 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 33.4292, 29.1030, 30.2411 by changing the saturation by 10% instead.


 33.4292, 29.1030,
30.2411


 33.4292, 29.1030,
30.2411

309.2102,
297.7006, 317.2689


 22.6162, 19.1588,
19.7681


 64.3952, 58.2407,
61.1088

 14.4295, 11.7850,
12.0442


 85.2790, 78.2029,
82.3405

 8.5037, 6.5975,
6.6509


 110.2505,
102.2733, 107.9955

 4.4734, 3.2117,
3.1696

139.6750,
130.8361, 138.4923

 1.9733, 1.2432,
1.1819

173.9179,
164.2759, 174.2495

 0.6189, 0.0966,
0.0000

213.3444,

 0.0000, 0.0000,

202.9770, 215.6857

0.0000

258.3201,
247.3238, 263.2193

■ 33.4292, 29.1030,
30.2411

■ 33.4292, 29.1030,
30.2411

■ 30.0721, 24.0591,
23.9721

■ 37.3781, 35.0993,
37.4188

■ 27.2755, 19.9147,
18.5735

■ 41.9432, 42.0896,
45.5381

■ 25.0088, 16.6177,
14.0065

■ 47.1506, 50.1176,
54.6321

■ 23.2376, 14.1090,
10.2290

■ 53.0241, 59.2233,
64.7321

■ 21.9230, 12.3219,
7.1947

■ 59.5861, 69.4448,
75.8677

■ 21.0202, 11.1785,
4.8524

■ 66.8582, 80.8181,
88.0675

■ 20.4617, 10.5568,
3.1392

■ 72.4198, 88.4952,
100.5450

■ 20.3760, 10.4617,
2.8757

■ 73.8177, 89.0544,
107.9063

Harmonies

Analogous

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



32.9011, 29.1030, 38.6094



33.4292, 29.1030, 30.2411



32.3284, 29.1030, 23.5000

Triad

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



33.4292, 29.1030, 30.2411



24.6312, 29.1030, 20.6263



25.4631, 29.1030, 48.0450

Complementary

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



33.4292, 29.1030, 30.2411



34.6631, 42.7412, 46.4695

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.



23.4669, 29.1030, 41.5868



33.4292, 29.1030, 30.2411



23.0100, 29.1030, 25.6480

Square

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



33.4292, 29.1030, 30.2411



27.1515, 29.1030, 18.5872



22.5986, 29.1030, 33.1808



28.1779, 29.1030, 49.8353

Rectangle

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



33.4292, 29.1030, 30.2411



30.8603, 29.1030, 20.5280



22.5986, 29.1030, 33.1808



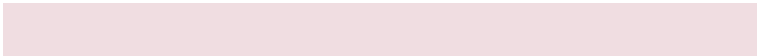
24.6918, 29.1030, 46.3000

Sweetspot

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



33.4300, 29.1044, 30.2417



75.0976, 75.3480, 81.5193



34.5417, 29.2474, 49.7240



15.9096, 15.8135, 17.0800



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.



33.4300, 29.1044, 30.2417



55.8757, 46.1079, 46.7378



34.7904, 33.1053, 26.7483



9.0803, 9.0425, 9.7700



13.8964, 7.1323, 2.0755



0.5128, 0.2606, 0.1936

Inverse Universe

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



33.4300, 29.1044, 30.2417



55.8757, 46.1079, 46.7378



32.8557, 37.3399, 51.3749



9.0803, 9.0425, 9.7700



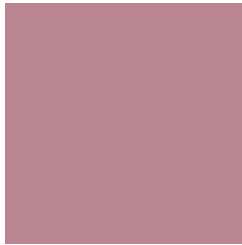
13.8964, 7.1323, 2.0755



0.5128, 0.2606, 0.1936

Previews

White Background



This preview shows how the XYZ color 33.4292, 29.1030, 30.2411 looks on a white background.

Color Contrast Check

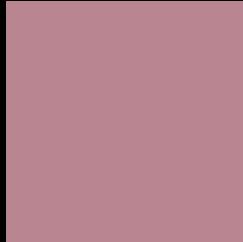
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4292, 29.1030, 30.2411 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 33.4292, 29.1030, 30.2411

Background



This preview shows how black text looks on a background with the XYZ color 33.4292, 29.1030, 30.2411.



This preview shows how white text looks on a background with the XYZ color 33.4292, 29.1030,

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

33.4292, 29.1030, 30.2411

Protanopia

28.1591, 29.1207, 33.8425

Deuteranopia

29.6597, 29.0855, 29.6420



Tritanopia

33.3530, 29.0725, 29.8403

Trichromacy



Original Color

33.4292, 29.1030, 30.2411

Protanomaly

29.6476, 28.7967, 32.4295

Deuteranomaly

30.9851, 29.1063, 29.9716

Tritanomaly

33.3530, 29.0725, 29.8403

Monochromacy



Original Color

33.4292, 29.1030, 30.2411

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.4228, 29.8712, 32.1792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4292, 29.1030, 30.2411 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(185, 133, 144)` looks like.

```
.text, #text, p{  
    color:rgb(185, 133, 144)  
}
```

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(185, 133, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 133, 144) }
```

Border

The CSS property to change the border of an element to XYZ 33.4292, 29.1030, 30.2411 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(185, 133, 144) }
```


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

```
.border{ border-color:rgb(185, 133, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 133, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 133, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 133, 144);  
box-shadow:4px 4px 4px 4px rgb(185, 133,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4292, 29.1030, 30.2411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 133, 144) }
```

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

```
.background{ background-color: rgb(185,  
133, 144) }
```

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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