

Converting Colors

XYZ(33.4071, 29.3329, 33.0529)

Have a look what the booklet for
XYZ(33.4071, 29.3329, 33.0529)
contains.

XYZ(33.4024, 29.2296, 33.1595)	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(33.4024, 29.2296,
33.1595)**

Conversions

Conversions Part 1

Format	Color
Hex	B68697
RGB	182, 134, 151
RGB Percent	71%, 53%, 59%
CMY	0.2863, 0.4745, 0.4078
CMYK	0.00, 0.26, 0.17, 0.29
HSL	339°, 25%, 62%
HSV	339°, 26%, 71%
XYZ	33.4024, 29.2296, 33.1595
YIQ	150.2900, 23.1510, 15.4630

Conversions

Conversions Part 2

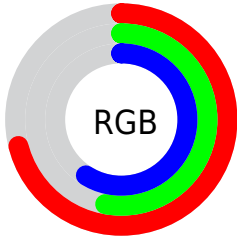
Format	Color
RYB	182, 134, 151
Decimal	11962007
CIELab	60.98, 21.02, -1.83
CIElCh	61, 21.097, 355.028
Yxy	29.2296, 0.3487, 0.3051
Android (android.graphics.Color)	4290152087 (0xFFB68697)
YUV	150.2900, 0.3500, 27.8097
Hunter-Lab	54.0644, 15.6692, 1.4806

Details

The XYZ color **33.4024, 29.2296, 33.1595** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.3522, 41.2416, 41.8019**, and the grayscale version is **29.1049, 30.6206, 33.3459**.

A 20% lighter version of the original color is **64.5993, 58.7249, 65.6879**, and **14.3727, 11.8499, 13.5863** is the 20% darker color. If you saturate the color by 10%, you get **30.1926, 24.2621, 27.6121**, and if you desaturate by 10%, it is **37.1420, 35.1036, 39.3538**.

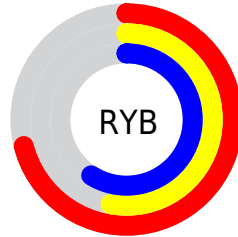
Distribution



Red (71%)

Green (53%)

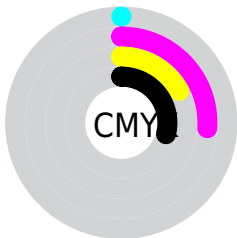
Blue (59%)



Red (71%)

Yellow (53%)

Blue (59%)

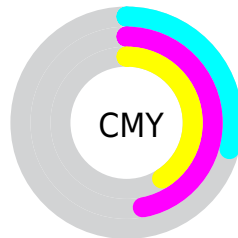


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4024, 29.2296, 33.1595 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 33.4024, 29.2296, 33.1595 by changing the saturation by 10% instead.


 33.4024, 29.2296,
33.1595


 33.4024, 29.2296,
33.1595


309.0921,
298.2967, 331.0219


 22.5956, 19.2546,
21.9765


 64.3537, 58.4417,
65.7433

 14.4142, 11.8544,
13.6415


 85.2290, 78.4475,
87.9813

 8.4930, 6.6446,
7.7359


 110.1911,
102.5658, 114.7414

 4.4664, 3.2408,
3.8411

139.6055,
131.1808, 146.4421

 1.9692, 1.2587,
1.5386

173.8374,
164.6770, 183.5019

 0.6166, 0.1089,
0.2464

213.2522,

 0.0000, 0.0000,

203.4388, 226.3395

0.0000

258.2153,
247.8506, 275.3733

■ 33.4024, 29.2296,
33.1595

■ 33.4024, 29.2296,
33.1595

■ 30.1926, 24.2621,
27.6121

■ 37.1420, 35.1036,
39.3538

■ 27.4851, 20.1518,
22.6878

■ 41.4321, 41.9224,
46.2142

■ 25.2538, 16.8504,
18.3639

■ 46.2954, 49.7269,
53.7610

■ 23.4689, 14.3036,
14.6155

■ 51.7525, 58.5543,
62.0132

■ 22.0972, 12.4499,
11.4154

■ 57.8230, 68.4401,
70.9892

■ 21.1004, 11.2182,
8.7341

■ 64.5255, 79.4177,
80.7064

■ 20.4286, 10.5147,
6.5369

■ 69.8004, 87.3647,
90.4894

■ 20.2298, 10.3205,
5.8438

■ 71.5393, 88.0602,
99.6459

■ 73.1016, 88.6852,
107.8728

Harmonies

Analogous

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



32.3542, 29.2296, 41.3411



33.4024, 29.2296, 33.1595



32.8652, 29.2296, 25.8277

Triad

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



33.4024, 29.2296, 33.1595



25.5998, 29.2296, 19.9604



24.8539, 29.2296, 45.9519

Complementary

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



33.4024, 29.2296, 33.1595



33.3522, 41.2416, 41.8019

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.



23.2517, 29.2296, 38.6879



33.4024, 29.2296, 33.1595



23.6619, 29.2296, 23.8960

Square

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



33.4024, 29.2296, 33.1595



28.2436, 29.2296, 18.9748



22.8301, 29.2296, 30.5289



27.3251, 29.2296, 49.4655

Rectangle

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



33.4024, 29.2296, 33.1595



31.6978, 29.2296, 22.2517



22.8301, 29.2296, 30.5289



24.2025, 29.2296, 43.8150

Sweetspot

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



33.4032, 29.2309, 33.1601



73.6692, 73.6961, 81.5021



32.3622, 28.3642, 48.0255



16.0040, 15.8513, 17.5772



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.



33.4032, 29.2309, 33.1601



56.8576, 47.2485, 53.7768



33.0321, 30.5409, 26.7098



9.1325, 9.0634, 10.0449



14.3150, 7.2997, 4.2795



0.5347, 0.2693, 0.3090

Inverse Universe

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



33.4032, 29.2309, 33.1601



56.8576, 47.2485, 53.7768



33.7230, 39.3406, 50.0724



9.1325, 9.0634, 10.0449



14.3150, 7.2997, 4.2795



0.5347, 0.2693, 0.3090

Previews

White Background



This preview shows how the XYZ color 33.4024, 29.2296, 33.1595 looks on a white background.

Color Contrast Check

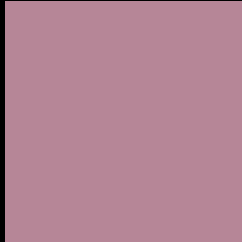
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4024, 29.2296, 33.1595 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 33.4024, 29.2296, 33.1595

Background



This preview shows how black text looks on a background with the XYZ color 33.4024, 29.2296, 33.1595.



This preview shows how white text looks on a background with the XYZ color 33.4024, 29.2296,

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

33.4024, 29.2296, 33.1595

Protanopia

28.7243, 29.5737, 36.9952

Deuteranopia

29.9452, 29.3919, 32.5287



Tritanopia

32.8309, 29.1960, 30.6931

Trichromacy



Original Color

33.4024, 29.2296, 33.1595

Protanomaly

30.1710, 29.2199, 35.5023

Deuteranomaly

31.2453, 29.3932, 32.8808

Tritanomaly

32.9865, 29.2583, 31.5126

Monochromacy



Original Color

33.4024, 29.2296, 33.1595

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.3786, 29.8299, 33.0108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4024, 29.2296, 33.1595 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(182, 134, 151)` looks like.

```
.text, #text, p{  
    color:rgb(182, 134, 151)  
}
```

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(182, 134, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 134, 151) }
```

Border

The CSS property to change the border of an element to XYZ 33.4024, 29.2296, 33.1595 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(182, 134, 151) }
```


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

```
.border{ border-color:rgb(182, 134, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 134, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 134, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 134, 151);  
box-shadow:4px 4px 4px 4px rgb(182, 134,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4024, 29.2296, 33.1595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 134, 151) }
```

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

```
.background{ background-color: rgb(182,  
134, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor