

Converting Colors

XYZ(34.5912, 29.9353, 31.8461)

Have a look what the booklet for
XYZ(34.5912, 29.9353, 31.8461)
contains.

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Color

**XYZ(34.6094, 29.8797,
31.9602)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8694
RGB	188, 134, 148
RGB Percent	74%, 53%, 58%
CMY	0.2627, 0.4745, 0.4196
CMYK	0.00, 0.29, 0.21, 0.26
HSL	344°, 29%, 63%
HSV	344°, 29%, 74%
XYZ	34.6094, 29.8797, 31.9602
YIQ	151.7420, 27.6900, 15.8020

Conversions

Conversions Part 2

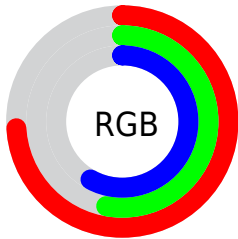
Format	Color
RYB	188, 134, 148
Decimal	12355220
CIELab	61.55, 22.78, 0.79
CIELCh	62, 22.789, 1.988
Yxy	29.8797, 0.3588, 0.3098
Android (android.graphics.Color)	4290545300 (0xFFBC8694)
YUV	151.7420, -1.8448, 31.7983
Hunter-Lab	54.6623, 17.3580, 3.5977

Details

The XYZ color **34.6094, 29.8797, 31.9602** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.4560, 44.0914, 46.6883**, and the grayscale version is **29.7339, 31.2824, 34.0665**.

A 20% lighter version of the original color is **66.3001, 59.6432, 63.8950**, and **15.1595, 12.2720, 12.8790** is the 20% darker color. If you saturate the color by 10%, you get **31.2015, 24.7229, 25.7088**, and if you desaturate by 10%, it is **38.6136, 36.0161, 39.0654**.

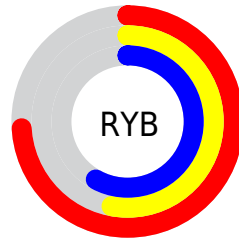
Distribution



Red (74%)

Green (53%)

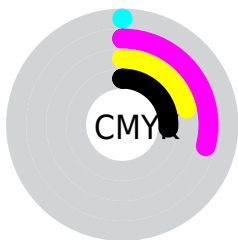
Blue (58%)



Red (74%)

Yellow (53%)

Blue (58%)

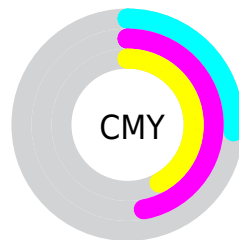


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (26%)



Cyan (26%)


Magenta (47%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6094, 29.8797, 31.9602 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 34.6094, 29.8797, 31.9602 by changing the saturation by 10% instead.


 34.6094, 29.8797,
31.9602


 34.6094, 29.8797,
31.9602


314.3792,
301.3433, 325.4250


 23.5272, 19.7473,
21.0665


 66.2182, 59.4719,
63.8459

 15.1061, 12.2115,
12.9809


 87.4756, 79.7004,
85.6750

 8.9807, 6.8879,
7.2848


 112.8555,
104.0632, 111.9863

 4.7856, 3.3921,
3.5597

142.7232,
132.9445, 143.1983

 2.1555, 1.3397,
1.3871

177.4440,
166.7288, 179.7297

 0.7191, 0.1716,
0.1316

217.3834,

 0.0000, 0.0000,

205.8004, 221.9989

0.0000

262.9067,
250.5438, 270.4245

■ 34.6094, 29.8797,
31.9602

■ 34.6094, 29.8797,
31.9602

■ 31.2015, 24.7229,
25.7088

■ 38.6136, 36.0161,
39.0654

■ 28.3581, 20.4908,
20.2766

■ 43.2386, 43.1751,
47.0537

■ 26.0485, 17.1294,
15.6292

■ 48.5108, 51.4021,
55.9550

■ 24.2377, 14.5771,
11.7288

■ 54.4540, 60.7386,
65.7973

■ 22.8864, 12.7646,
8.5344

■ 61.0911, 71.2238,
76.6076

■ 21.9490, 11.6105,
6.0005

■ 68.4436, 82.8951,
88.4114

■ 21.3520, 10.9783,
4.0696

■ 73.0553, 88.8339,
100.0746

■ 21.2878, 10.9109,
3.8601

■ 74.5491, 89.4314,
107.9406

Harmonies

Analogous

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



33.8428, 29.8797, 40.9889



34.6094, 29.8797, 31.9602



33.6168, 29.8797, 24.4931

Triad

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



34.6094, 29.8797, 31.9602



25.4325, 29.8797, 20.3658



25.7581, 29.8797, 49.5413

Complementary

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



34.6094, 29.8797, 31.9602



35.4560, 44.0914, 46.6883

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.



23.7525, 29.8797, 42.1661



34.6094, 29.8797, 31.9602



23.5741, 29.8797, 25.3297

Square

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



34.6094, 29.8797, 31.9602



28.1987, 29.8797, 18.5796



22.9812, 29.8797, 33.1145



28.6017, 29.8797, 52.1521

Rectangle

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



34.6094, 29.8797, 31.9602



32.1291, 29.8797, 21.1084



22.9812, 29.8797, 33.1145



24.9707, 29.8797, 47.4796

Sweetspot

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



34.6102, 29.8811, 31.9608



77.9824, 77.6561, 84.6268



34.9698, 29.6354, 51.4542



16.4930, 16.2698, 17.7250



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.



34.6102, 29.8811, 31.9608



58.9929, 48.4901, 51.1277



35.4147, 33.1572, 27.0895



9.6290, 9.5759, 10.4351



14.5201, 7.4392, 2.7667



0.5966, 0.3025, 0.2547

Inverse Universe

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



34.6102, 29.8811, 31.9608



58.9929, 48.4901, 51.1277



34.3176, 39.5160, 53.3957



9.6290, 9.5759, 10.4351



14.5201, 7.4392, 2.7667



0.5966, 0.3025, 0.2547

Previews

White Background



This preview shows how the XYZ color 34.6094, 29.8797, 31.9602 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 34.6094, 29.8797, 31.9602 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 34.6094, 29.8797, 31.9602

Background



This preview shows how black text looks on a background with the XYZ color 34.6094, 29.8797, 31.9602.



This preview shows how white text looks on a background with the XYZ color 34.6094, 29.8797,

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

34.6094, 29.8797, 31.9602

Protanopia

28.9851, 29.9697, 35.7095

Deuteranopia

30.4714, 29.9144, 31.3622



Tritanopia

34.5138, 30.0636, 30.7718

Trichromacy



Original Color

34.6094, 29.8797, 31.9602

Protanomaly

30.6765, 29.7314, 34.2589

Deuteranomaly

31.8781, 29.7470, 31.6653

Tritanomaly

34.5913, 30.0946, 31.1798

Monochromacy



Original Color

34.6094, 29.8797, 31.9602

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.2284, 30.4845, 33.5163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6094, 29.8797, 31.9602 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(188, 134, 148)` looks like.

```
.text, #text, p{  
    color:rgb(188, 134, 148)  
}
```

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(188, 134, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 134, 148) }
```

Border

The CSS property to change the border of an element to XYZ 34.6094, 29.8797, 31.9602 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(188, 134, 148) }
```


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

```
.border{ border-color:rgb(188, 134, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 134, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 134, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 134, 148);  
box-shadow:4px 4px 4px 4px rgb(188, 134,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6094, 29.8797, 31.9602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 134, 148) }
```

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

```
.background{ background-color: rgb(188,  
134, 148) }
```

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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