

Converting Colors

XYZ(34.6883, 27.4150, 31.4803)

Have a look what the booklet for
XYZ(34.6883, 27.4150, 31.4803)
contains.

XYZ(34.6883, 27.4150, 31.4803)	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(34.6883, 27.4150,
31.4803)**

Conversions

Conversions Part 1

Format	Color
Hex	C37994
RGB	195, 121, 148
RGB Percent	76%, 47%, 58%
CMY	0.2353, 0.5255, 0.4196
CMYK	0.00, 0.38, 0.24, 0.24
HSL	338°, 38%, 62%
HSV	338°, 38%, 76%
XYZ	34.6883, 27.4150, 31.4803
YIQ	146.2040, 35.4370, 24.0850

Conversions

Conversions Part 2

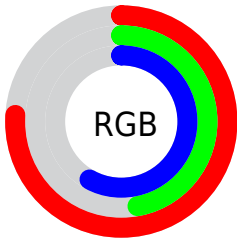
Format	Color
R _Y B	195, 121, 148
Decimal	12810644
CIE Lab	59.36, 32.50, -2.32
CIE LCh	59, 32.586, 355.912
Yxy	27.4150, 0.3707, 0.2929
Android (android.graphics.Color)	4291000724 (0xFFC37994)
YUV	146.2040, 0.8854, 42.7941
Hunter-Lab	52.3593, 26.6282, 1.0043

Details

The XYZ color **34.6883, 27.4150, 31.4803** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.4694, 45.9229, 44.0954**, and the grayscale version is **27.3923, 28.8188, 31.3837**.

A 20% lighter version of the original color is **66.3047, 55.4190, 63.0794**, and **15.2261, 10.9450, 12.6194** is the 20% darker color. If you saturate the color by 10%, you get **31.6252, 22.7746, 25.8784**, and if you desaturate by 10%, it is **38.3368, 33.0579, 37.7955**.

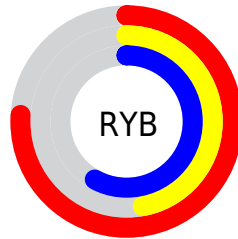
Distribution



Red (76%)

Green (47%)

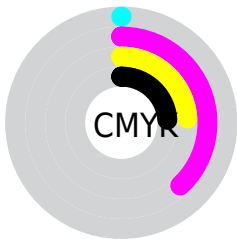
Blue (58%)



Red (76%)

Yellow (47%)

Blue (58%)

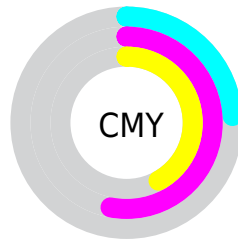


Cyan (0%)

Magenta (38%)

Yellow (24%)

Black (24%)



Cyan (24%)

Magenta (53%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6883, 27.4150, 31.4803 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 34.6883, 27.4150, 31.4803 by changing the saturation by 10% instead.


 34.6883, 27.4150,
31.4803


 34.6883, 27.4150,
31.4803


314.7225,
289.6609, 323.1645


 23.5883, 17.8851,
20.7033


 66.3398, 55.5491,
63.0839

 15.1515, 10.8676,
12.7182


 87.6220, 74.9221,
84.7476

 9.0128, 5.9778,
7.1063


 113.0290, 98.3450,
110.8773

 4.8067, 2.8316,
3.4492

142.9260,
126.2021, 141.8915

 2.1679, 1.0445,
1.3283

177.6786,
158.8779, 178.2088

 0.7257, 0.0000,
0.0849

217.6519,

 0.0000, 0.0000,

196.7567, 220.2477

0.0000

263.2115,
240.2229, 268.4267

■ 34.6883, 27.4150,
31.4803

■ 34.6883, 27.4150,
31.4803

■ 31.6252, 22.7746,
25.8784

■ 38.3368, 33.0579,
37.7955

■ 29.1129, 19.0733,
20.9613

■ 42.5983, 39.7539,
44.8479

■ 27.1165, 16.2468,
16.7005


■ 47.5010, 47.5547,
52.6620


■ 25.5960, 14.2208,
13.0646


■ 53.0709, 56.5077,
61.2607


■ 24.5048, 12.9082,
10.0192

■ 59.3325, 66.6571,
70.6660


 23.7746, 12.1792,
7.5209

 66.3090, 78.0452,
80.8988

 23.6476, 12.0589,
7.0663

 73.2180, 89.1030,
91.7111

 75.0677, 89.8429,
101.4515

 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



33.1065, 27.4150, 44.2906



34.6883, 27.4150, 31.4803



33.7667, 27.4150, 21.0721

Triad

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



34.6883, 27.4150, 31.4803



22.7782, 27.4150, 13.8631



21.9043, 27.4150, 52.5818

Complementary

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



34.6883, 27.4150, 31.4803



34.4694, 45.9229, 44.0954

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.



19.6206, 27.4150, 40.7798



34.6883, 27.4150, 31.4803



20.0870, 27.4150, 18.9489

Square

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



34.6883, 27.4150, 31.4803



26.6202, 27.4150, 12.5848



18.9915, 27.4150, 28.2775



25.5020, 27.4150, 58.3244

Rectangle

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



34.6883, 27.4150, 31.4803



31.9032, 27.4150, 16.4498



18.9915, 27.4150, 28.2775



20.9728, 27.4150, 49.0629

Sweetspot

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



34.6891, 27.4163, 31.4808



82.1152, 80.4447, 89.6541



32.8089, 25.9266, 54.9049



17.7126, 17.1867, 19.2048



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.6891, 27.4163, 31.4808



57.2631, 41.7211, 47.5182



34.0562, 29.1808, 21.9284



10.2217, 10.1373, 11.2579



15.4068, 7.8525, 4.7884



0.6989, 0.3526, 0.3821

Inverse Universe

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



34.6891, 27.4163, 31.4808



57.2631, 41.7211, 47.5182



35.1133, 42.7595, 58.0325



10.2217, 10.1373, 11.2579



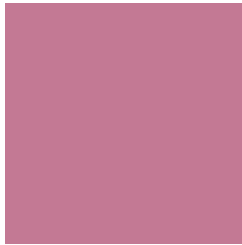
15.4068, 7.8525, 4.7884



0.6989, 0.3526, 0.3821

Previews

White Background



This preview shows how the XYZ color 34.6883, 27.4150, 31.4803 looks on a white background.

Color Contrast Check

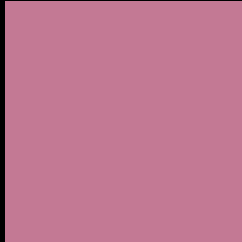
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6883, 27.4150, 31.4803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

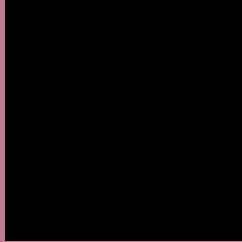
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.6883, 27.4150, 31.4803

Background



This preview shows how black text looks on a background with the XYZ color 34.6883, 27.4150, 31.4803.



This preview shows how white text looks on a background with the XYZ color 34.6883, 27.4150,

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

34.6883, 27.4150, 31.4803

Protanopia

27.0905, 27.5819, 37.6142

Deuteranopia

28.0538, 27.5775, 30.6325



Tritanopia

33.4336, 27.4462, 25.7258

Trichromacy



Original Color

34.6883, 27.4150, 31.4803

Protanomaly

29.2238, 27.0276, 35.1291

Deuteranomaly

30.0171, 27.1239, 30.8475

Tritanomaly

33.9185, 27.4702, 27.5593

Monochromacy



Original Color

34.6883, 27.4150, 31.4803

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.5220, 27.8904, 31.4312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6883, 27.4150, 31.4803 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(195, 121, 148)` looks like.

```
.text, #text, p{  
    color:rgb(195, 121, 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(195, 121, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 121, 148) }
```

Border

The CSS property to change the border of an element to XYZ 34.6883, 27.4150, 31.4803 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(195, 121, 148) }
```


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

```
.border{ border-color:rgb(195, 121, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 121, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 121, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 121, 148);  
box-shadow:4px 4px 4px 4px rgb(195, 121,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6883, 27.4150, 31.4803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 121, 148) }
```

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

```
.background{ background-color: rgb(195,  
121, 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](#).

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