

Converting Colors

XYZ(34.9096, 26.1965, 31.7092)

Have a look what the booklet for
XYZ(34.9096, 26.1965, 31.7092)
contains.

XYZ(34.8831, 26.1223, 31.6373)	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(34.8831, 26.1223,
31.6373)**

Conversions

Conversions Part 1

Format	Color
Hex	C77195
RGB	199, 113, 149
RGB Percent	78%, 44%, 58%
CMY	0.2196, 0.5568, 0.4157
CMYK	0.00, 0.43, 0.25, 0.22
HSL	335°, 43%, 61%
HSV	335°, 43%, 78%
XYZ	34.8831, 26.1223, 31.6373
YIQ	142.8180, 39.7000, 29.4280

Conversions

Conversions Part 2

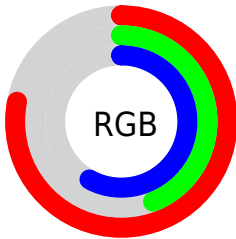
Format	Color
R _Y B	199, 113, 149
Decimal	13070741
CIE Lab	58.15, 38.36, -4.62
CIE LCh	58, 38.635, 353.136
Yxy	26.1223, 0.3765, 0.2820
Android (android.graphics.Color)	4291260821 (0xFFC77195)
YUV	142.8180, 3.0477, 49.2716
Hunter-Lab	51.1100, 32.3857, -0.9238

Details

The XYZ color **34.8831, 26.1223, 31.6373** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.8455, 47.0025, 41.9412**, and the grayscale version is **26.0137, 27.3685, 29.8043**.

A 20% lighter version of the original color is **65.6557, 52.8442, 63.2394**, and **15.2549, 10.1667, 12.7136** is the 20% darker color. If you saturate the color by 10%, you get **32.0231, 21.8079, 26.3506**, and if you desaturate by 10%, it is **38.3231, 31.4494, 37.5707**.

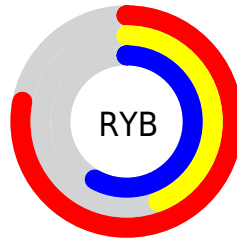
Distribution



Red (78%)

Green (44%)

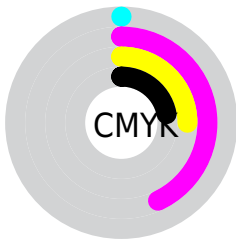
Blue (58%)



Red (78%)

Yellow (44%)

Blue (58%)

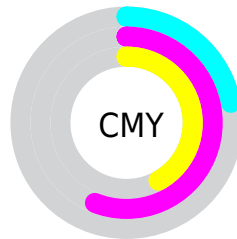


Cyan (0%)

Magenta (43%)

Yellow (25%)

Black (22%)



Cyan (22%)


Magenta (56%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8831, 26.1223, 31.6373 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 34.8831, 26.1223, 31.6373 by changing the saturation by 10% instead.


 34.8831, 26.1223,
31.6373


 34.8831, 26.1223,
31.6373


315.5691,
283.3819, 323.9054


 23.7389, 16.9152,
20.8221


 66.6398, 53.4722,
63.3333


 15.2638, 10.1740,
12.8040


 87.9831, 72.3837,
85.0513

 9.0922, 5.5145,
7.1646


 113.4568, 95.2988,
111.2405

 4.8590, 2.5522,
3.4853

 143.4263,
122.6019, 142.3196

 2.1987, 0.9027,
1.3474

178.2569,
154.6774, 178.7071

 0.7420, 0.0000,
0.1002

218.3140,

 0.0000, 0.0000,

191.9096, 220.8215

0.0000

263.9630,
234.6830, 269.0814

■ 34.8831, 26.1223,
31.6373

■ 34.8831, 26.1223,
31.6373

■ 32.0231, 21.8079,
26.3506

■ 38.3231, 31.4494,
37.5707

■ 29.7062, 18.4370,
21.6843

■ 42.3727, 37.8450,
44.1725

■ 27.8941, 15.9378,
17.6122


■ 47.0619, 45.3651,
51.4651


■ 26.5425, 14.2261,
14.1051

■ 52.4184, 54.0608,
59.4692


■ 25.5985, 13.2010,
11.1301


■ 58.4678, 63.9801,
68.2048

 25.1260, 12.7713,
9.3845

 65.2345, 75.1681,
77.6909

 72.7417, 87.6679,
87.9457

 75.2748, 90.0468,
97.0746

 77.0642, 90.7625,
106.4978

Harmonies

Analogous

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



32.7508, 26.1223, 46.8859



34.8831, 26.1223, 31.6373



34.0623, 26.1223, 19.4668

Triad

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



34.8831, 26.1223, 31.6373



21.4563, 26.1223, 10.7099



19.8093, 26.1223, 54.4621

Complementary

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



34.8831, 26.1223, 31.6373



33.8455, 47.0025, 41.9412

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.



17.4352, 26.1223, 39.8245



34.8831, 26.1223, 31.6373



18.2993, 26.1223, 15.6084

Square

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



34.8831, 26.1223, 31.6373



25.9202, 26.1223, 9.7549



16.9193, 26.1223, 25.4708



23.7678, 26.1223, 62.4922

Rectangle

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



34.8831, 26.1223, 31.6373



31.9953, 26.1223, 14.2044



16.9193, 26.1223, 25.4708



18.8208, 26.1223, 49.9664

Sweetspot

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



34.8838, 26.1236, 31.6378



82.4219, 79.4631, 90.1419



31.0612, 23.5887, 56.9489



17.2266, 16.3393, 18.6590



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.



34.8838, 26.1236, 31.6378



56.2749, 38.4880, 46.5313



33.0999, 26.4660, 18.9883



10.8149, 10.7094, 12.0088



16.1982, 8.2288, 6.2534



0.8029, 0.4040, 0.4855

Inverse Universe

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



34.8838, 26.1236, 31.6378



56.2749, 38.4880, 46.5313



36.2487, 45.8928, 60.9806



10.8149, 10.7094, 12.0088



16.1982, 8.2288, 6.2534



0.8029, 0.4040, 0.4855

Previews

White Background



This preview shows how the XYZ color 34.8831, 26.1223, 31.6373 looks on a white background.

Color Contrast Check

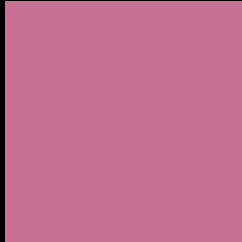
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8831, 26.1223, 31.6373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

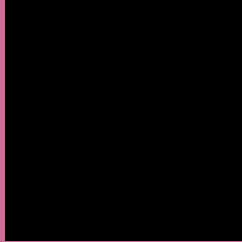
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.8831, 26.1223, 31.6373

Background



This preview shows how black text looks on a background with the XYZ color 34.8831, 26.1223, 31.6373.



This preview shows how white text looks on a background with the XYZ color 34.8831, 26.1223,

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

34.8831, 26.1223, 31.6373

Protanopia

26.0158, 26.3327, 39.3089

Deuteranopia

26.8639, 26.3281, 30.4540



Tritanopia

33.1531, 26.0993, 23.0290

Trichromacy



Original Color

34.8831, 26.1223, 31.6373

Protanomaly

28.3412, 25.7376, 36.2750

Deuteranomaly

29.2697, 25.9487, 30.6600

Tritanomaly

33.8372, 26.2178, 25.8314

Monochromacy



Original Color

34.8831, 26.1223, 31.6373

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.4664, 26.3334, 30.3706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8831, 26.1223, 31.6373 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(199, 113, 149)` looks like.

```
.text, #text, p{  
    color:rgb(199, 113, 149)  
}
```

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(199, 113, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 113, 149) }
```

Border

The CSS property to change the border of an element to XYZ 34.8831, 26.1223, 31.6373 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(199, 113, 149) }
```


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

```
.border{ border-color:rgb(199, 113, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 113, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 113, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 113, 149); box-shadow:4px 4px 4px 4px rgb(199, 113, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8831, 26.1223, 31.6373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 113, 149) }
```

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

```
.background{ background-color: rgb(199,  
113, 149) }
```

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