

Converting Colors

XYZ(34.4641, 26.8852, 26.0356)

Have a look what the booklet for
XYZ(34.4641, 26.8852, 26.0356)
contains.

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Color

**XYZ(34.3347, 26.8202,
25.9214)**

Conversions

Conversions Part 1

Format	Color
Hex	C77686
RGB	199, 118, 134
RGB Percent	78%, 46%, 53%
CMY	0.2196, 0.5372, 0.4745
CMYK	0.00, 0.41, 0.33, 0.22
HSL	348°, 42%, 62%
HSV	348°, 41%, 78%
XYZ	34.3347, 26.8202, 25.9214
YIQ	144.0430, 43.1400, 22.1480

Conversions

Conversions Part 2

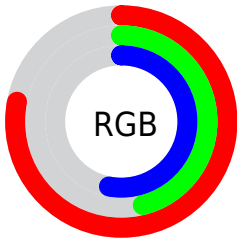
Format	Color
R_{YB}	199, 118, 134
Decimal	13072006
CIE _{Lab}	58.81, 33.65, 5.02
CIE _{LCh}	59, 34.024, 8.491
Yxy	26.8202, 0.3943, 0.3080
Android (android.graphics.Color)	4291262086 (0xFFC77686)
YUV	144.0430, -4.9512, 48.1973
Hunter-Lab	51.7882, 27.7130, 6.5755

Details

The XYZ color **34.3347, 26.8202, 25.9214** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **36.4431, 48.1180, 52.1693**, and the grayscale version is **26.5344, 27.9162, 30.4008**.

A 20% lighter version of the original color is **64.7726, 53.9737, 54.0178**, and **15.0345, 10.6298, 9.8537** is the 20% darker color. If you saturate the color by 10%, you get **31.2026, 22.2060, 19.7907**, and if you desaturate by 10%, it is **38.1308, 32.4930, 33.1039**.

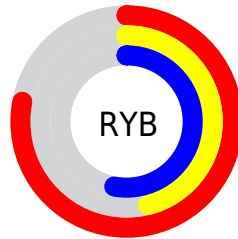
Distribution



Red (78%)

Green (46%)

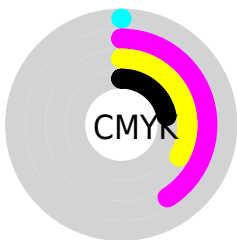
Blue (53%)



Red (78%)

Yellow (46%)

Blue (53%)

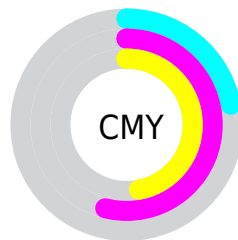


Cyan (0%)

Magenta (41%)

Yellow (33%)

Black (22%)



Cyan (22%)


Magenta (54%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3347, 26.8202, 25.9214 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 34.3347, 26.8202, 25.9214 by changing the saturation by 10% instead.


 34.3347, 26.8202,
25.9214


 34.3347, 26.8202,
25.9214


313.1816,
286.7855, 295.9892


 23.3149, 17.4382,
16.5396


 65.7947, 54.5952,
54.1306

 14.9482, 10.5474,
9.7483


 86.9656, 73.7570,
73.7952

 8.8691, 5.7634,
5.1290


 112.2509, 96.9476,
97.7244

 4.7123, 2.7018,
2.2631

142.0161,
124.5513, 126.3368

 2.1125, 0.9781,
0.7104

176.6263,
156.9526, 160.0509

 0.6960, 0.0000,
0.0000

216.4471,

 0.0000, 0.0000,

194.5358, 199.2853

0.0000

261.8438,
237.6853, 244.4586

■ 34.3347, 26.8202,
25.9214

■ 34.3347, 26.8202,
25.9214

■ 31.2026, 22.2060,
19.7907

■ 38.1308, 32.4930,
33.1039

■ 28.6935, 18.5807,
14.6603

■ 42.6244, 39.2805,
41.3833

■ 26.7651, 15.8725,
10.4763


■ 47.8494, 47.2395,
50.8039

■ 25.3687, 13.9981,
7.1792


■ 53.8365, 56.4219,
61.4071


■ 24.4472, 12.8591,
4.7021

■ 60.6151, 66.8762,
73.2322

 23.9244, 12.2906,
3.0570

 68.2127, 78.6487,
86.3166

 75.9157, 90.3031,
100.4497

 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



33.7605, 26.8202, 38.5219



34.3347, 26.8202, 25.9214



32.3438, 26.8202, 17.0512

Triad

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



34.3347, 26.8202, 25.9214



20.7920, 26.8202, 14.5918



22.6462, 26.8202, 56.4122

Complementary

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



34.3347, 26.8202, 25.9214



36.4431, 48.1180, 52.1693

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.



19.6831, 26.8202, 46.0772



34.3347, 26.8202, 25.9214



18.6972, 26.8202, 21.5225

Square

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



34.3347, 26.8202, 25.9214



24.3187, 26.8202, 11.7904



18.3147, 26.8202, 32.7497



26.7020, 26.8202, 58.5418

Rectangle

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



34.3347, 26.8202, 25.9214



29.9460, 26.8202, 13.5987



18.3147, 26.8202, 32.7497



21.5027, 26.8202, 53.6690

Sweetspot

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



34.3354, 26.8215, 25.9219



82.3485, 80.5247, 86.3921



36.2691, 27.1246, 57.3569



17.3558, 16.8232, 18.0070



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.



34.3354, 26.8215, 25.9219



55.1227, 39.5959, 35.6273



36.5418, 32.8868, 21.5630



10.7181, 10.6706, 11.4987



15.4091, 7.9132, 2.0982



0.7558, 0.3851, 0.2370

Inverse Universe

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



34.3354, 26.8215, 25.9219



55.1227, 39.5959, 35.6273



33.0527, 38.5194, 59.7259



10.7181, 10.6706, 11.4987



15.4091, 7.9132, 2.0982



0.7558, 0.3851, 0.2370

Previews

White Background



This preview shows how the XYZ color 34.3347, 26.8202, 25.9214 looks on a white background.

Color Contrast Check

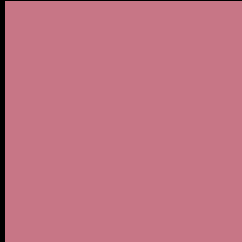
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3347, 26.8202, 25.9214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

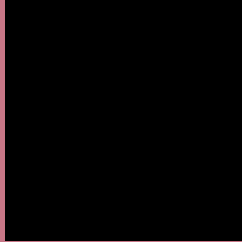
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3347, 26.8202, 25.9214

Background



This preview shows how black text looks on a background with the XYZ color 34.3347, 26.8202, 25.9214.



This preview shows how white text looks on a background with the XYZ color 34.3347, 26.8202,

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

34.3347, 26.8202, 25.9214

Protanopia

26.1190, 26.9960, 31.4379

Deuteranopia

27.5396, 27.0036, 25.2335



Tritanopia

33.7818, 26.7579, 23.8064

Trichromacy



Original Color

34.3347, 26.8202, 25.9214

Protanomaly

28.3743, 26.5146, 29.2135

Deuteranomaly

29.6030, 26.6299, 25.4096

Tritanomaly

33.9148, 26.8111, 24.5067

Monochromacy



Original Color

34.3347, 26.8202, 25.9214

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.7074, 27.1139, 28.5314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3347, 26.8202, 25.9214 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, 118, 134)` looks like.

```
.text, #text, p{  
    color:rgb(199, 118, 134)  
}
```

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, 118, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 118, 134) }
```

Border

The CSS property to change the border of an element to XYZ 34.3347, 26.8202, 25.9214 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, 118, 134) }
```


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

```
.border{ border-color:rgb(199, 118, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 118, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 118, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 118, 134);  
box-shadow:4px 4px 4px 4px rgb(199, 118,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3347, 26.8202, 25.9214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 118, 134) }
```

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

```
.background{ background-color: rgb(199,  
118, 134) }
```

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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