

Converting Colors

XYZ(35.0695, 26.4625, 25.9572)

Have a look what the booklet for
XYZ(35.0695, 26.4625, 25.9572)
contains.

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Color

**XYZ(34.9490, 26.4524,
25.8181)**

Conversions

Conversions Part 1

Format	Color
Hex	CB7286
RGB	203, 114, 134
RGB Percent	80%, 45%, 53%
CMY	0.2039, 0.5529, 0.4745
CMYK	0.00, 0.44, 0.34, 0.20
HSL	347°, 46%, 62%
HSV	347°, 44%, 80%
XYZ	34.9490, 26.4524, 25.8181
YIQ	142.8910, 46.6240, 25.0880

Conversions

Conversions Part 2

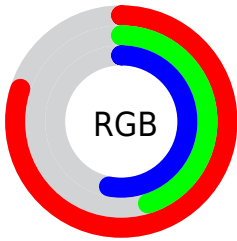
Format	Color
RYB	203, 114, 134
Decimal	13333126
CIELab	58.46, 37.24, 4.60
CIELCh	58, 37.525, 7.036
Yxy	26.4524, 0.4007, 0.3033
Android (android.graphics.Color)	4291523206 (0xFFFCB7286)
YUV	142.8910, -4.3833, 52.7156
Hunter-Lab	51.4319, 31.2885, 6.2396

Details

The XYZ color **34.9490, 26.4524, 25.8181** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **36.8439, 49.7088, 52.4553**, and the grayscale version is **26.0696, 27.4273, 29.8683**.

A 20% lighter version of the original color is **64.0284, 52.4853, 53.7697**, and **15.2713, 10.3219, 9.7818** is the 20% darker color. If you saturate the color by 10%, you get **31.8908, 21.9639, 19.7799**, and if you desaturate by 10%, it is **38.6801, 32.0250, 32.8873**.

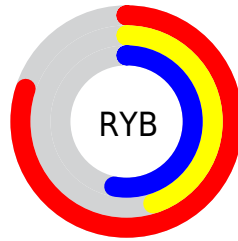
Distribution



Red (80%)

Green (45%)

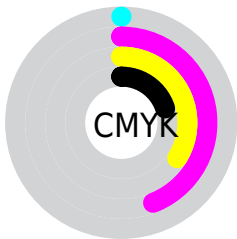
Blue (53%)



Red (80%)

Yellow (45%)

Blue (53%)

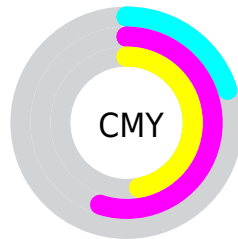


Cyan (0%)

Magenta (44%)

Yellow (34%)

Black (20%)



Cyan (20%)


Magenta (55%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9490, 26.4524, 25.8181 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 34.9490, 26.4524, 25.8181 by changing the saturation by 10% instead.


 34.9490, 26.4524,
25.8181


 34.9490, 26.4524,
25.8181


315.8551,
284.9959, 295.4650


 23.7899, 17.1624,
16.4631

 66.7413, 54.0039,
53.9618

 15.3017, 10.3503,
9.6945


 88.1052, 73.0341,
73.5876

 9.1191, 5.6319,
5.0939


 113.6015, 96.0799,
97.4740

 4.8767, 2.6225,
2.2428

143.5954,
123.5257, 126.0397

 2.2091, 0.9380,
0.6989

178.4524,
155.7558, 159.7030

 0.7475, 0.0000,
0.0000

218.5378,

 0.0000, 0.0000,

193.1545, 198.8827

0.0000

264.2169,
236.1064, 243.9972

■ 34.9490, 26.4524,
25.8181

■ 34.9490, 26.4524,
25.8181

■ 31.8908, 21.9639,
19.7799

■ 38.6801, 32.0250,
32.8873

■ 29.4622, 18.4848,
14.7218

■ 43.1197, 38.7423,
41.0317

■ 27.6180, 15.9370,
10.5911


■ 48.3031, 46.6650,
50.2948


■ 26.3059, 14.2290,
7.3288


■ 54.2630, 55.8483,
60.7173


■ 25.4632, 13.2507,
4.8685

■ 61.0297, 66.3441,
72.3378

 25.1141, 12.8907,
3.7091

 68.6323, 78.2013,
85.1929

 76.7442, 90.7588,
99.2000

 78.4386, 91.4365,
108.1226

Harmonies

Analogous

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



34.1672, 26.4524, 39.8220



34.9490, 26.4524, 25.8181



32.8590, 26.4524, 16.1114

Triad

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



34.9490, 26.4524, 25.8181



20.1960, 26.4524, 12.9799



21.8562, 26.4524, 58.8753

Complementary

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



34.9490, 26.4524, 25.8181



36.8439, 49.7088, 52.4553

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.



18.7394, 26.4524, 46.8488



34.9490, 26.4524, 25.8181



17.8654, 26.4524, 20.0296

Square

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



34.9490, 26.4524, 25.8181



24.0774, 26.4524, 10.3050



17.3665, 26.4524, 32.0077



26.2379, 26.4524, 61.8412

Rectangle

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



34.9490, 26.4524, 25.8181



30.2521, 26.4524, 12.3843



17.3665, 26.4524, 32.0077



20.6428, 26.4524, 55.6126

Sweetspot

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



34.9497, 26.4537, 25.8186



81.5060, 79.0967, 85.3185



36.1444, 26.3214, 59.6755



17.0022, 16.2496, 17.4774



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.



34.9497, 26.4537, 25.8186



53.4608, 36.8658, 33.2433



36.7171, 32.0133, 20.1653



11.3138, 11.2543, 12.1873



16.0112, 8.2151, 2.5119



0.8557, 0.4357, 0.2858

Inverse Universe

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



34.9497, 26.4537, 25.8186



53.4608, 36.8658, 33.2433



33.8936, 40.2374, 62.4801



11.3138, 11.2543, 12.1873



16.0112, 8.2151, 2.5119



0.8557, 0.4357, 0.2858

Previews

White Background



This preview shows how the XYZ color 34.9490, 26.4524, 25.8181 looks on a white background.

Color Contrast Check

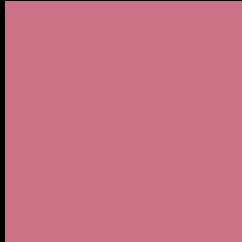
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9490, 26.4524, 25.8181 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 34.9490, 26.4524, 25.8181

Background



This preview shows how black text looks on a background with the XYZ color 34.9490, 26.4524, 25.8181.



This preview shows how white text looks on a background with the XYZ color 34.9490, 26.4524,

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

34.9490, 26.4524, 25.8181

Protanopia

25.7874, 26.5888, 32.2068

Deuteranopia

27.1315, 26.5910, 24.8217



Tritanopia

34.2406, 26.5026, 22.3796

Trichromacy



Original Color

34.9490, 26.4524, 25.8181

Protanomaly

28.4602, 26.1387, 29.9308

Deuteranomaly

29.4951, 26.1910, 24.9735

Tritanomaly

34.3841, 26.3765, 23.7010

Monochromacy



Original Color

34.9490, 26.4524, 25.8181

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.5019, 26.3953, 28.4035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9490, 26.4524, 25.8181 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(203, 114, 134)` looks like.

```
.text, #text, p{  
    color:rgb(203, 114, 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(203, 114, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 114, 134) }
```

Border

The CSS property to change the border of an element to XYZ 34.9490, 26.4524, 25.8181 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(203, 114, 134) }
```


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

```
.border{ border-color:rgb(203, 114, 134) }
```

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

Here you see how a box with a 4 pixel rgb(203, 114, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 114, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 114, 134);  
box-shadow:4px 4px 4px 4px rgb(203, 114,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9490, 26.4524, 25.8181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 114, 134) }
```

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

```
.background{ background-color: rgb(203,  
114, 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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