

# Converting Colors

XYZ(34.9548, 26.4351, 19.1797)

Have a look what the booklet for  
XYZ(34.9548, 26.4351, 19.1797)  
contains.

<b>XYZ(34.9548, 26.4351, 19.1797)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(34.9548, 26.4351,  
19.1797)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D07172
RGB	208, 113, 114
RGB Percent	82%, 44%, 45%
CMY	0.1843, 0.5568, 0.5529
CMYK	0.00, 0.46, 0.45, 0.18
HSL	359°, 50%, 63%
HSV	359°, 46%, 82%
XYZ	34.9548, 26.4351, 19.1797
YIQ	141.5190, 56.2990, 20.4510

# Conversions

## Conversions Part 2

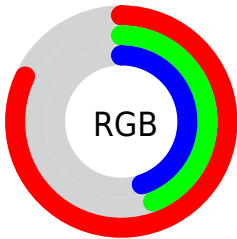
Format	Color
R <sub>Y</sub> B	208, 113, 114
Decimal	13660530
CIE Lab	58.45, 37.33, 16.24
CIE LCh	58, 40.714, 23.516
Yxy	26.4351, 0.4338, 0.3281
Android (android.graphics.Color)	4291850610 (0xFFD07172)
YUV	141.5190, -13.5669, 58.3038
Hunter-Lab	51.4151, 31.3777, 13.8732

# Details

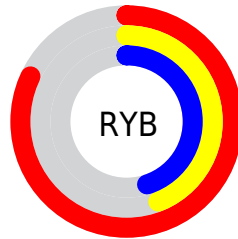
The XYZ color **34.9548, 26.4351, 19.1797** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **40.6298, 53.1280, 67.1482**, and the grayscale version is **25.5583, 26.8893, 29.2825**.

A 20% lighter version of the original color is **61.7592, 51.2856, 42.7204**, and **15.2837, 10.3226, 6.3412** is the 20% darker color. If you saturate the color by 10%, you get **31.8518, 21.8977, 13.0013**, and if you desaturate by 10%, it is **38.8545, 32.1441, 26.9246**.

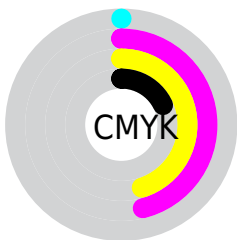
# Distribution



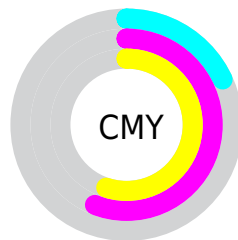
- Red (82%)
- Green (44%)
- Blue (45%)



- Red (82%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (46%)
- Yellow (45%)
- Black (18%)




- Cyan (18%)
- Magenta (56%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9548, 26.4351, 19.1797 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 34.9548, 26.4351, 19.1797 by changing the saturation by 10% instead.





 34.9548, 26.4351,  
19.1797


 34.9548, 26.4351,  
19.1797


315.8803,  
284.9115, 259.8947


 23.7944, 17.1494,  
11.6221


 66.7502, 53.9760,  
42.8783


 15.3051, 10.3411,  
6.3675


 88.1160, 73.0001,  
59.8563

 9.1215, 5.6257,  
2.9974

 113.6142, 96.0391,  
80.8115

 4.8783, 2.6188,  
1.0933

 143.6103,  
123.4773, 106.1625

 2.2100, 0.9361,  
0.0000

178.4696,  
155.6993, 136.3278

 0.7480, 0.0000,  
0.0000

218.5575,

 0.0000, 0.0000,

193.0894, 171.7259

0.0000

264.2392,  
236.0320, 212.7753

■ 34.9548, 26.4351,  
19.1797

■ 34.9548, 26.4351,  
19.1797

■ 31.8518, 21.8977,  
13.0013

■ 38.8545, 32.1441,  
26.9246

■ 29.4887, 18.4471,  
8.2813

■ 43.5985, 39.0938,  
36.3311

■ 27.8046, 15.9935,  
4.9005


■ 49.2330, 47.3528,  
47.4885


■ 26.7280, 14.4311,  
2.7200


■ 55.8002, 56.9834,  
60.4794

■ 26.1710, 13.6297,  
1.5708

■ 63.3397, 68.0439,  
75.3810

 26.0243, 13.4146,  
1.2802

 71.8889, 80.5895,  
92.2662

 79.8223, 92.1498,  
108.1874

# Harmonies

## Analogous

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



35.8763, 26.4351, 31.9885



34.9548, 26.4351, 19.1797



31.2520, 26.4351, 11.9005

# Triad

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



34.9548, 26.4351, 19.1797



18.1942, 26.4351, 15.3761



24.0612, 26.4351, 65.4751

# Complementary

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



34.9548, 26.4351, 19.1797



40.6298, 53.1280, 67.1482

# 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.



19.8575, 26.4351, 56.8983



34.9548, 26.4351, 19.1797



16.7710, 26.4351, 25.7998

# Square

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



34.9548, 26.4351, 19.1797



21.4998, 26.4351, 10.2651



17.3371, 26.4351, 41.1531



29.1381, 26.4351, 61.9105



# Rectangle

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



34.9548, 26.4351, 19.1797



27.9383, 26.4351, 9.6981



17.3371, 26.4351, 41.1531



22.5086, 26.4351, 63.8447

# Sweetspot

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



34.9555, 26.4365, 19.1802



79.5249, 77.2297, 78.1992



42.8603, 29.5472, 63.1185



16.5673, 15.8642, 15.8387



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.



34.9555, 26.4365, 19.1802



50.5074, 34.7306, 20.6312



41.3777, 39.3709, 21.0432



11.8137, 11.8102, 12.2948



16.2220, 8.3617, 0.8096



0.9088, 0.4683, 0.0547



# Inverse Universe

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



34.9555, 26.4365, 19.1802



50.5074, 34.7306, 20.6312



31.1315, 33.9362, 64.5838



11.8137, 11.8102, 12.2948



16.2220, 8.3617, 0.8096



0.9088, 0.4683, 0.0547



# Previews

## White Background



This preview shows how the XYZ color 34.9548, 26.4351, 19.1797 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

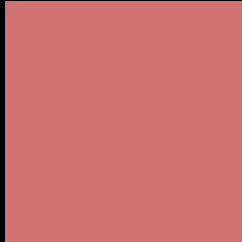
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 34.9548, 26.4351, 19.1797 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

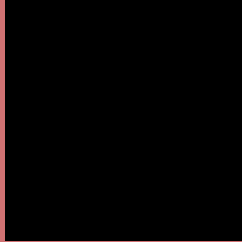
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 34.9548, 26.4351, 19.1797**

## **Background**



This preview shows how black text looks on a background with the XYZ color 34.9548, 26.4351, 19.1797.



This preview shows how white text looks on a background with the XYZ color 34.9548, 26.4351,



# 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

34.9548, 26.4351, 19.1797

### Protanopia

25.4538, 26.8113, 24.2556

### Deuteranopia

26.9955, 26.4531, 18.4350



## Tritanopia

35.1968, 26.3543, 21.0011

# Trichromacy



## Original Color

34.9548, 26.4351, 19.1797

## Protanomaly

28.0536, 26.0977, 22.2977

## Deuteranomaly

29.5147, 26.1502, 18.5308

## Tritanomaly

35.0766, 26.3062, 20.3684

# Monochromacy



## Original Color

34.9548, 26.4351, 19.1797

## Achromatopsia

25.7108, 27.0498, 29.4572

## Achromatomaly

28.0070, 26.0055, 25.3732

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 34.9548, 26.4351, 19.1797 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(208, 113, 114)` looks like.

```
.text, #text, p{  
    color:rgb(208, 113, 114)  
}
```

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(208, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 113, 114) }
```

## Border

The CSS property to change the border of an element to XYZ 34.9548, 26.4351, 19.1797 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(208, 113, 114) }
```



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

```
.border{ border-color:rgb(208, 113, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 113, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(208, 113,  
114) }
```

# Background

The CSS property to change the background color of an element to XYZ 34.9548, 26.4351, 19.1797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 113, 114) }
```

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

```
.background{ background-color: rgb(208,  
113, 114) }
```

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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