

# Converting Colors

XYZ(30.3128, 26.5976, 25.7249)

Have a look what the booklet for  
XYZ(30.3128, 26.5976, 25.7249)  
contains.

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# Color

**XYZ(30.3129, 26.5968,  
25.7263)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B28085
RGB	178, 128, 133
RGB Percent	70%, 50%, 52%
CMY	0.3020, 0.4980, 0.4784
CMYK	0.00, 0.28, 0.25, 0.30
HSL	354°, 25%, 60%
HSV	354°, 28%, 70%
XYZ	30.3129, 26.5968, 25.7263
YIQ	143.5200, 28.1950, 12.1550

# Conversions

## Conversions Part 2

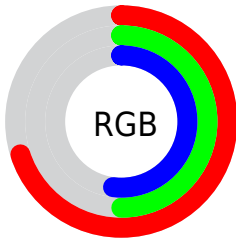
Format	Color
<a href="#">RYB</a>	<a href="#">178, 128, 133</a>
Decimal	<a href="#">11698309</a>
CIELab	<a href="#">58.60, 20.06, 4.98</a>
CIElCh	<a href="#">59, 20.671, 13.930</a>
Yxy	<a href="#">26.5968, 0.3668, 0.3219</a>
Android (android.graphics.Color)	<a href="#">4289888389 (0xFFB28085)</a>
YUV	<a href="#">143.5200, -5.1864, 30.2390</a>
Hunter-Lab	<a href="#">51.5721, 14.6671, 6.5241</a>

# Details

The XYZ color **30.3129, 26.5968, 25.7263** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.3664, 39.4477, 45.4455**, and the grayscale version is **26.3293, 27.7004, 30.1658**.

A 20% lighter version of the original color is **59.6477, 54.2551, 53.7829**, and **12.6368, 10.3740, 9.7238** is the 20% darker color. If you saturate the color by 10%, you get **27.1679, 21.9450, 19.6272**, and if you desaturate by 10%, it is **34.0355, 32.1332, 32.8515**.

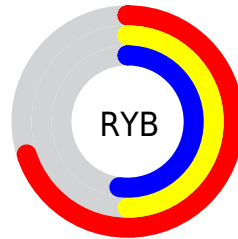
# Distribution



Red (70%)

Green (50%)

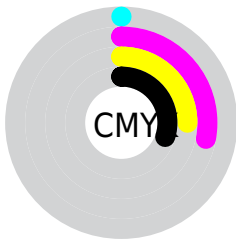
Blue (52%)



Red (70%)

Yellow (50%)

Blue (52%)

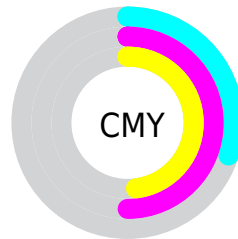


Cyan (0%)

Magenta (28%)

Yellow (25%)

Black (30%)



Cyan (30%)

Magenta (50%)


Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3129, 26.5968, 25.7263 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 30.3129, 26.5968, 25.7263 by changing the saturation by 10% instead.





 30.3129, 26.5968,  
25.7263


 30.3129, 26.5968,  
25.7263


295.2440,  
285.6996, 294.9985


 20.2255, 17.2706,  
16.3951


 59.5399, 54.2362,  
53.8117

 12.6683, 10.4276,  
9.6468


 79.4102, 73.3182,  
73.4030

 7.2759, 5.6834,  
5.0629


 103.2721, 96.4209,  
97.2514

 3.6831, 2.6535,  
2.2248

131.4910,  
123.9288, 125.7754

 1.5245, 0.9537,  
0.6886

164.4323,  
156.2262, 159.3935

 0.3424, 0.0000,  
0.0000

202.4613,

 0.0000, 0.0000,

193.6976, 198.5244

0.0000

245.9434,  
236.7272, 243.5866

■ 30.3129, 26.5968,  
25.7263

■ 30.3129, 26.5968,  
25.7263

■ 27.1679, 21.9450,  
19.6272

■ 34.0355, 32.1332,  
32.8515

■ 24.5694, 18.1284,  
14.5054

■ 38.3604, 38.5928,  
41.0453

■ 22.4867, 15.0986,  
10.3104


■ 43.3136, 46.0164,  
50.3500


■ 20.8852, 12.8006,  
6.9865


■ 48.9186, 54.4413,  
60.8048


■ 19.7260, 11.1724,  
4.4723


■ 55.1981, 63.9027,  
72.4472


 18.9640, 10.1417,  
2.6979

 62.1734, 74.4343,  
85.3130

 18.5311, 9.5925,  
1.5771

 69.8651, 86.0680,  
99.4363

 18.4676, 9.5080,  
1.4251

 72.1702, 88.2050,  
107.8292

# Harmonies

## Analogous

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



30.2598, 26.5968, 32.9989



30.3129, 26.5968, 25.7263



28.9557, 26.5968, 20.3122

# Triad

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



30.3129, 26.5968, 25.7263



22.0456, 26.5968, 20.0226



23.9538, 26.5968, 44.5555

# Complementary

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



30.3129, 26.5968, 25.7263



32.3664, 39.4477, 45.4455

# 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.



21.9283, 26.5968, 39.7669



30.3129, 26.5968, 25.7263



20.8780, 26.5968, 25.2638

# Square

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



30.3129, 26.5968, 25.7263



24.1238, 26.5968, 17.4113



20.8365, 26.5968, 32.4526



26.4715, 26.5968, 44.7355



# Rectangle

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



30.3129, 26.5968, 25.7263



27.4831, 26.5968, 18.1406



20.8365, 26.5968, 32.4526



23.1969, 26.5968, 43.3995

# Sweetspot

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



30.3136, 26.5980, 25.7268



69.5213, 69.9214, 74.3521



32.9894, 27.5382, 45.6963



15.1266, 15.0785, 15.9521



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787



# Same Dimension

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



30.3136, 26.5980, 25.7268



51.1476, 42.5713, 39.2568



32.8471, 32.2044, 24.9085



8.5297, 8.5186, 9.0220



13.2252, 6.8076, 1.0798



0.4273, 0.2187, 0.0929



# Inverse Universe

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



30.3136, 26.5980, 25.7268



51.1476, 42.5713, 39.2568



29.1659, 32.2583, 46.8089



8.5297, 8.5186, 9.0220



13.2252, 6.8076, 1.0798



0.4273, 0.2187, 0.0929



# Previews

## White Background



This preview shows how the XYZ color 30.3129, 26.5968, 25.7263 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 30.3129, 26.5968, 25.7263 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 30.3129, 26.5968, 25.7263**

## **Background**



This preview shows how black text looks on a background with the XYZ color 30.3129, 26.5968, 25.7263.



This preview shows how white text looks on a background with the XYZ color 30.3129, 26.5968,

25.7263.

# 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

30.3129, 26.5968, 25.7263

### Protanopia

25.7601, 26.8725, 28.6401

### Deuteranopia

27.1990, 26.6179, 25.1770



## Tritanopia

30.4648, 26.4499, 27.1666

# Trichromacy



## Original Color

30.3129, 26.5968, 25.7263

## Protanomaly

27.0298, 26.4824, 27.3539

## Deuteranomaly

28.2783, 26.5480, 25.4636

## Tritanomaly

30.3934, 26.4213, 26.7905

# Monochromacy



## Original Color

30.3129, 26.5968, 25.7263

## Achromatopsia

26.5089, 27.8894, 30.3716

## Achromatomaly

27.5324, 27.1383, 28.5980

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 30.3129, 26.5968, 25.7263 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(178, 128, 133)` looks like.

```
.text, #text, p{  
    color:rgb(178, 128, 133)  
}
```

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(178, 128, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 133) }
```

## Border

The CSS property to change the border of an element to XYZ 30.3129, 26.5968, 25.7263 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(178, 128, 133) }
```



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

```
.border{ border-color:rgb(178, 128, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 128, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 133);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
133) }
```

# Background

The CSS property to change the background color of an element to XYZ 30.3129, 26.5968, 25.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 128, 133) }
```

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

```
.background{ background-color: rgb(178,  
128, 133) }
```

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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