

Converting Colors

XYZ(28.2914, 26.4021, 25.9370)

Have a look what the booklet for
XYZ(28.2914, 26.4021, 25.9370)
contains.

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Color

**XYZ(28.2108, 26.3030,
25.7804)**

Conversions

Conversions Part 1

Format	Color
Hex	A68485
RGB	166, 132, 133
RGB Percent	65%, 52%, 52%
CMY	0.3490, 0.4823, 0.4784
CMYK	0.00, 0.20, 0.20, 0.35
HSL	358°, 16%, 58%
HSV	358°, 20%, 65%
XYZ	28.2108, 26.3030, 25.7804
YIQ	142.2800, 19.9430, 7.5190

Conversions

Conversions Part 2

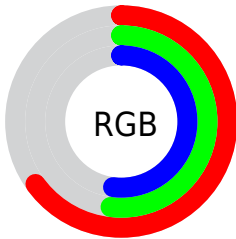
Format	Color
R _Y B	166, 132, 133
Decimal	10912901
CIE Lab	58.32, 13.17, 4.41
CIE LCh	58, 13.886, 18.537
Yxy	26.3030, 0.3513, 0.3276
Android (android.graphics.Color)	4289102981 (0xFFA68485)
YUV	142.2800, -4.5750, 20.8024
Hunter-Lab	51.2865, 8.4350, 6.0969

Details

The XYZ color **28.2108, 26.3030, 25.7804** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9446, 34.8952, 40.7563**, and the grayscale version is **25.8347, 27.1801, 29.5991**.

A 20% lighter version of the original color is **56.3361, 53.7727, 53.8643**, and **11.4276, 10.1854, 9.7512** is the 20% darker color. If you saturate the color by 10%, you get **25.1072, 21.7426, 19.6684**, and if you desaturate by 10%, it is **31.8449, 31.6505, 32.9124**.

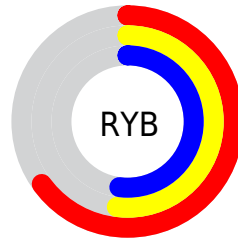
Distribution



Red (65%)

Green (52%)

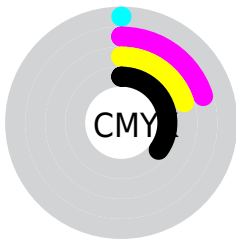
Blue (52%)



Red (65%)

Yellow (52%)

Blue (52%)

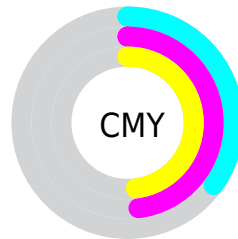


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (35%)



Cyan (35%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2108, 26.3030, 25.7804 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 28.2108, 26.3030, 25.7804 by changing the saturation by 10% instead.

■ 28.2108, 26.3030,
25.7804

■ 28.2108, 26.3030,
25.7804

285.5347,
284.2663, 295.2735

■ 18.6259, 17.0505,
16.4351

■ 56.2271, 53.7634,
53.9002

■ 11.5027, 10.2705,
9.6749

■ 75.3892, 72.7400,
73.5118

■ 6.4758, 5.5787,
5.0812

■ 98.4744, 95.7267,
97.3826

■ 3.1799, 2.5906,
2.2354

125.8481,
123.1080, 125.9312

■ 1.2496, 0.9219,
0.6947

157.8756,
155.2682, 159.5760

■ 0.1450, 0.0000,
0.0000

194.9223,

■ 0.0000, 0.0000,

192.5917, 198.7356

0.0000

237.3536,
235.4630, 243.8286

■ 28.2108, 26.3030,
25.7804

■ 28.2108, 26.3030,
25.7804

■ 25.1072, 21.7426,
19.6684

■ 31.8449, 31.6505,
32.9124

■ 22.5072, 17.9288,
14.5283

■ 36.0303, 37.8160,
41.1063

■ 20.3849, 14.8230,
10.3106

■ 40.7894, 44.8331,
50.4036

■ 18.7113, 12.3814,
6.9605

■ 46.1428, 52.7324,
60.8431

■ 17.4541, 10.5559,
4.4179

■ 52.1100, 61.5432,
72.4618

■ 16.5768, 9.2913,
2.6146

■ 58.7096, 71.2931,
85.2950

■ 16.0365, 8.5231,
1.4714

■ 65.9593, 82.0089,
99.3764

■ 15.7526, 8.1177,
0.8764

■ 69.5360, 86.8470,
107.7060

Harmonies

Analogous

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



28.3235, 26.3030, 30.5299



28.2108, 26.3030, 25.7804



27.2151, 26.3030, 22.2138

Triad

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



28.2108, 26.3030, 25.7804



22.6423, 26.3030, 22.9066



24.3597, 26.3030, 38.7673

Complementary

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



28.2108, 26.3030, 25.7804



29.9446, 34.8952, 40.7563

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.



22.9089, 26.3030, 36.1983



28.2108, 26.3030, 25.7804



21.9476, 26.3030, 26.8288

Square

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



28.2108, 26.3030, 25.7804



23.9809, 26.3030, 20.6882



22.0430, 26.3030, 31.7025



26.0480, 26.3030, 38.4046

Rectangle

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



28.2108, 26.3030, 25.7804



26.2087, 26.3030, 20.8193



22.0430, 26.3030, 31.7025



23.8295, 26.3030, 38.2072

Sweetspot

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



28.2115, 26.3042, 25.7809



60.9876, 62.1437, 65.9867



30.6243, 27.2420, 39.7208



13.5440, 13.7536, 14.5632



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.2115, 26.3042, 25.7809



48.2752, 43.4385, 41.0337



30.4605, 30.9119, 26.1925



7.5397, 7.5457, 7.8932



12.2184, 6.2961, 0.6958



0.3000, 0.1543, 0.0311

Inverse Universe

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



28.2115, 26.3042, 25.7809



48.2752, 43.4385, 41.0337



27.3274, 29.5150, 40.3333



7.5397, 7.5457, 7.8932



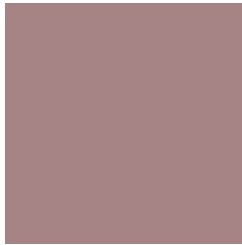
12.2184, 6.2961, 0.6958



0.3000, 0.1543, 0.0311

Previews

White Background



This preview shows how the XYZ color 28.2108, 26.3030, 25.7804 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 28.2108, 26.3030, 25.7804 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 28.2108, 26.3030, 25.7804

Background



This preview shows how black text looks on a background with the XYZ color 28.2108, 26.3030, 25.7804.



This preview shows how white text looks on a background with the XYZ color 28.2108, 26.3030,

25.7804.

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

28.2108, 26.3030, 25.7804

Protanopia

25.3950, 26.4916, 27.4418

Deuteranopia

26.8736, 26.4424, 25.5173



Tritanopia

28.8604, 26.3712, 28.7683

Trichromacy



Original Color

28.2108, 26.3030, 25.7804

Protanomaly

26.3385, 26.3443, 26.9893

Deuteranomaly

27.3260, 26.4675, 25.4983

Tritanomaly

28.6401, 26.2831, 27.6084

Monochromacy



Original Color

28.2108, 26.3030, 25.7804

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.5112, 26.6203, 28.1670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2108, 26.3030, 25.7804 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(166, 132, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 132, 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(166, 132, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 132, 133) }
```

Border

The CSS property to change the border of an element to XYZ 28.2108, 26.3030, 25.7804 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(166, 132, 133) }
```


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

```
.border{ border-color:rgb(166, 132, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 132, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 132, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 132, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 132,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2108, 26.3030, 25.7804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 132, 133) }
```

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

```
.background{ background-color: rgb(166,  
132, 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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