

Converting Colors

XYZ(30.8309, 27.5238, 25.9812)

Have a look what the booklet for
XYZ(30.8309, 27.5238, 25.9812)
contains.

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Color

**XYZ(30.7100, 27.3910,
25.8587)**

Conversions

Conversions Part 1	
Format	Color
Hex	B28385
RGB	178, 131, 133
RGB Percent	70%, 51%, 52%
CMY	0.3020, 0.4863, 0.4784
CMYK	0.00, 0.26, 0.25, 0.30
HSL	357°, 23%, 61%
HSV	357°, 26%, 70%
XYZ	30.7100, 27.3910, 25.8587
YIQ	145.2810, 27.3700, 10.5860

Conversions

Conversions Part 2

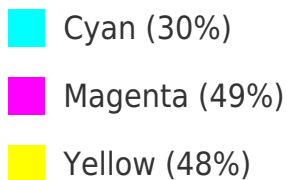
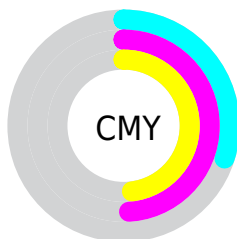
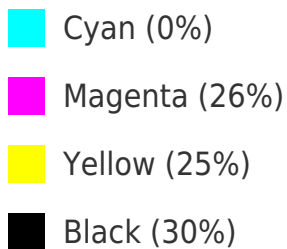
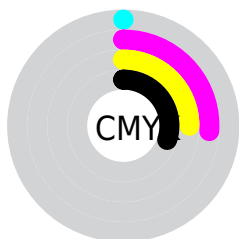
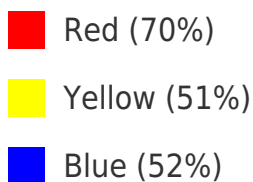
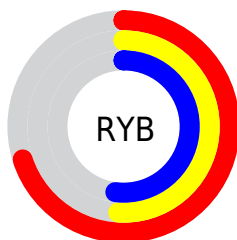
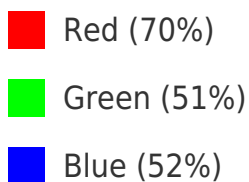
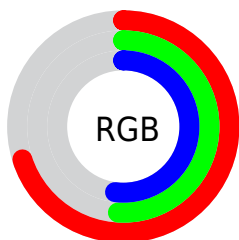
Format	Color
RYB	178, 131, 133
Decimal	11699077
CIELab	59.33, 18.38, 6.03
CIELCh	59, 19.344, 18.171
Yxy	27.3910, 0.3658, 0.3262
Android (android.graphics.Color)	4289889157 (0xFFB28385)
YUV	145.2810, -6.0545, 28.6946
Hunter-Lab	52.3364, 13.1516, 7.3411

Details

The XYZ color **30.7100, 27.3910, 25.8587** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1180, 39.8013, 47.0131**, and the grayscale version is **27.0446, 28.4530, 30.9853**.

A 20% lighter version of the original color is **60.2644, 55.4883, 53.9884**, and **12.8548, 10.8100, 9.7965** is the 20% darker color. If you saturate the color by 10%, you get **27.4380, 22.5809, 19.4223**, and if you desaturate by 10%, it is **34.5853, 33.1015, 33.4395**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7100, 27.3910, 25.8587 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 30.7100, 27.3910, 25.8587 by changing the saturation by 10% instead.


 30.7100, 27.3910,
25.8587


 30.7100, 27.3910,
25.8587


297.0509,
289.5453, 295.6711


 20.5289, 17.8671,
16.4931


 60.1622, 55.5107,
54.0282

 12.8905, 10.8546,
9.7157


 80.1639, 74.8752,
73.6692

 7.4297, 5.9692,
5.1077


 104.1699, 98.2888,
97.5725

 3.7810, 2.8263,
2.2508

132.5454,
126.1357, 126.1565

 1.5790, 1.0417,
0.7034

165.6560,
158.8004, 159.8398

 0.3786, 0.0000,
0.0000


203.8668,


 0.0000, 0.0000,


196.6673, 199.0410


0.0000


247.5433,
240.1208, 244.1786


 30.7100, 27.3910,
25.8587


 30.7100, 27.3910,
25.8587


 27.4380, 22.5809,
19.4223

 34.5853, 33.1015,
33.4395


 24.7369, 18.6217,
14.0732


 39.0898, 39.7510,
42.2146


 22.5745, 15.4649,
9.7519


 44.2504, 47.3805,
52.2333


 20.9149, 13.0559,
6.3923


 50.0921, 56.0275,
63.5414


 19.7173, 11.3328,
3.9210


 56.6383, 65.7273,
76.1822


 18.9349, 10.2243,
2.2538

 63.9114, 76.5138,
90.1974

 18.5069, 9.6349,
1.2890

 71.7396, 88.0328,
105.5623

 18.4016, 9.4816,
1.0774

 72.1701, 88.2050,
107.8292

Harmonies

Analogous

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



30.8590, 27.3910, 32.6400



30.7100, 27.3910, 25.8587



29.2622, 27.3910, 20.9562

Triad

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



30.7100, 27.3910, 25.8587



22.7190, 27.3910, 21.7909



25.0921, 27.3910, 44.8598

Complementary

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



30.7100, 27.3910, 25.8587



33.1180, 39.8013, 47.0131

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.



23.0530, 27.3910, 40.8958



30.7100, 27.3910, 25.8587



21.7407, 27.3910, 27.1751

Square

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



30.7100, 27.3910, 25.8587



24.6101, 27.3910, 18.8705



21.8591, 27.3910, 34.1756



27.5124, 27.3910, 44.3608

Rectangle

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



30.7100, 27.3910, 25.8587



27.8030, 27.3910, 19.0858



21.8591, 27.3910, 34.1756



24.3423, 27.3910, 43.9828

Sweetspot

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



30.7107, 27.3923, 25.8593



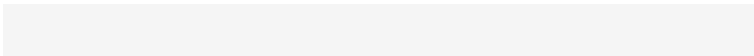
69.3843, 69.8666, 73.6311



33.9783, 28.6376, 45.8563



15.0914, 15.0644, 15.7666



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.



30.7107, 27.3923, 25.8593



51.9152, 44.1191, 39.4741



33.7102, 33.6098, 26.1849



8.5105, 8.5109, 8.9208



13.1725, 6.7865, 0.8023



0.4193, 0.2155, 0.0506

Inverse Universe

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



30.7107, 27.3923, 25.8593



51.9152, 44.1191, 39.4741



29.4286, 32.1039, 46.7652



8.5105, 8.5109, 8.9208



13.1725, 6.7865, 0.8023



0.4193, 0.2155, 0.0506

Previews

White Background



This preview shows how the XYZ color 30.7100, 27.3910, 25.8587 looks on a white background.

Color Contrast Check

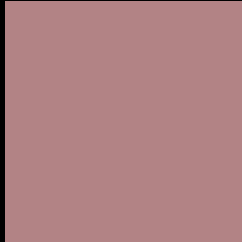
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7100, 27.3910, 25.8587 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 30.7100, 27.3910, 25.8587

Background



This preview shows how black text looks on a background with the XYZ color 30.7100, 27.3910, 25.8587.



This preview shows how white text looks on a background with the XYZ color 30.7100, 27.3910,

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

30.7100, 27.3910, 25.8587

Protanopia

26.5153, 27.7120, 28.3776

Deuteranopia

27.9513, 27.4200, 25.6492



Tritanopia

31.3067, 27.4424, 28.4578

Trichromacy



Original Color
30.7100, 27.3910, 25.8587

Protanomaly
27.8485, 27.5405, 27.5150

Deuteranomaly
28.7652, 27.2094, 25.5656

Tritanomaly
31.0884, 27.3551, 27.3084

Monochromacy



Original Color
30.7100, 27.3910, 25.8587

Achromatopsia
26.9133, 28.3149, 30.8349

Achromatomaly
28.0904, 27.8474, 29.0939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7100, 27.3910, 25.8587 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, 131, 133) looks like.

```
.text, #text, p{  
    color:rgb(178, 131, 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, 131, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 131, 133) }
```

Border

The CSS property to change the border of an element to XYZ 30.7100, 27.3910, 25.8587 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, 131, 133) }
```


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

```
.border{ border-color:rgb(178, 131, 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, 131, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 131, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 131, 133);  
box-shadow:4px 4px 4px 4px rgb(178, 131,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7100, 27.3910, 25.8587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 131, 133) }
```

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

```
.background{ background-color: rgb(178,  
131, 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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