

Converting Colors

XYZ(28.9307, 28.0622, 24.1609)

Have a look what the booklet for
XYZ(28.9307, 28.0622, 24.1609)
contains.

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Color

**XYZ(28.9211, 27.9510,
24.2928)**

Conversions

Conversions Part 1

Format	Color
Hex	A78A80
RGB	167, 138, 128
RGB Percent	65%, 54%, 50%
CMY	0.3451, 0.4588, 0.4980
CMYK	0.00, 0.17, 0.23, 0.35
HSL	15°, 18%, 58%
HSV	15°, 23%, 65%
XYZ	28.9211, 27.9510, 24.2928
YIQ	145.5310, 20.4940, 3.0380

Conversions

Conversions Part 2

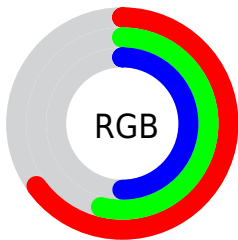
Format	Color
RYB	167, 141, 128
Decimal	10979968
CIELab	59.84, 9.39, 9.46
CIELCh	60, 13.329, 45.238
Yxy	27.9510, 0.3563, 0.3444
Android (android.graphics.Color)	4289170048 (0xFFA78A80)
YUV	145.5310, -8.6428, 18.8283
Hunter-Lab	52.8687, 5.1257, 9.7648

Details

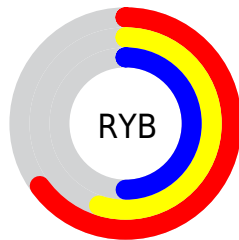
The XYZ color **28.9211, 27.9510, 24.2928** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.9337, 31.4921, 41.1656**, and the grayscale version is **27.1588, 28.5731, 31.1161**.

A 20% lighter version of the original color is **57.4027, 56.2858, 51.5549**, and **11.8404, 11.1214, 8.9197** is the 20% darker color. If you saturate the color by 10%, you get **26.2305, 24.1864, 18.4119**, and if you desaturate by 10%, it is **31.9978, 32.1979, 31.1957**.

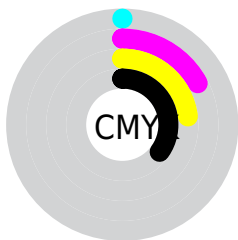
Distribution



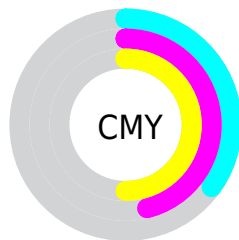
- Red (65%)
- Green (54%)
- Blue (50%)



- Red (65%)
- Yellow (55%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (35%)





- Cyan (35%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9211, 27.9510, 24.2928 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 28.9211, 27.9510, 24.2928 by changing the saturation by 10% instead.


 28.9211, 27.9510,
24.2928


 28.9211, 27.9510,
24.2928


288.8434,
292.2327, 287.6315


 19.1651, 18.2887,
15.3368


 57.3501, 56.4062,
51.4574

 11.8944, 11.1575,
8.9068


 76.7539, 75.9679,
70.5030

 6.7435, 6.1729,
4.5845


 100.1043, 99.5982,
93.7489

 3.3471, 2.9505,
1.9512

127.7667,
127.6816, 121.6137

 1.3399, 1.1059,
0.5250

160.1065,
160.6023, 154.5157

 0.2128, 0.0000,
0.0000

197.4889,

 0.0000, 0.0000,

198.7448, 192.8737

0.0000

240.2795,
242.4934, 237.1061

■ 28.9211, 27.9510,
24.2928

■ 28.9211, 27.9510,
24.2928

■ 26.2305, 24.1864,
18.4119

■ 31.9978, 32.1979,
31.1957

■ 23.9081, 20.8831,
13.5023

■ 35.4731, 36.9395,
39.1643

■ 21.9379, 18.0241,
9.5118

■ 39.3618, 42.1927,
48.2421

■ 20.3017, 15.5898,
6.3824

■ 43.6770, 47.9722,
58.4694

■ 18.9796, 13.5594,
4.0494

■ 48.4315, 54.2924,
69.8847

■ 17.9493, 11.9097,
2.4389

■ 53.6373, 61.1669,
82.5246

■ 17.1851, 10.6154,
1.4629

■ 59.3061, 68.6088,
96.4241

■ 16.7943, 9.9314,
1.0318

■ 64.3678, 76.1984,
105.9230

■ 68.0950, 83.6527,
107.1653

Harmonies

Analogous

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



29.8268, 27.9510, 28.0529



28.9211, 27.9510, 24.2928



27.4032, 27.9510, 22.2926

Triad

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



28.9211, 27.9510, 24.2928



23.5466, 27.9510, 28.1236



27.4298, 27.9510, 40.3250

Complementary

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



28.9211, 27.9510, 24.2928



27.9337, 31.4921, 41.1656

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.



25.7472, 27.9510, 40.3491



28.9211, 27.9510, 24.2928



23.5531, 27.9510, 32.9459

Square

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



28.9211, 27.9510, 24.2928



24.3255, 27.9510, 24.3398



24.3435, 27.9510, 37.5314



28.9413, 27.9510, 37.4687

Rectangle

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



28.9211, 27.9510, 24.2928



26.2711, 27.9510, 22.0753



24.3435, 27.9510, 37.5314



26.8643, 27.9510, 40.6738

Sweetspot

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



28.9219, 27.9523, 24.2934



61.0955, 62.8452, 64.5255



29.7629, 26.0970, 35.4790



13.5929, 13.9558, 14.2579



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.



28.9219, 27.9523, 24.2934



49.2285, 46.4791, 37.8559



31.9321, 33.9728, 25.2968



7.6817, 7.8435, 7.8984



12.8858, 7.6688, 0.8011



0.3535, 0.2665, 0.0328

Inverse Universe

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



27.9337, 31.4921, 41.1656



47.1431, 53.9292, 73.4000



24.9301, 25.4848, 40.1644



7.5822, 8.2014, 9.6017



10.9093, 13.2788, 29.9636



0.3031, 0.3983, 0.7416

Previews

White Background



This preview shows how the XYZ color 28.9211, 27.9510, 24.2928 looks on a white background.

Color Contrast Check

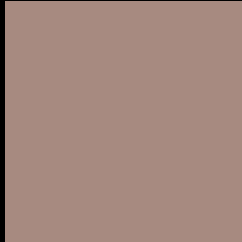
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9211, 27.9510, 24.2928 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 28.9211, 27.9510, 24.2928

Background



This preview shows how black text looks on a background with the XYZ color 28.9211, 27.9510, 24.2928.



This preview shows how white text looks on a background with the XYZ color 28.9211, 27.9510,

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

28.9211, 27.9510, 24.2928

Protanopia

26.6477, 28.0692, 25.4862

Deuteranopia

28.4387, 27.9163, 24.3116



Tritanopia

30.2145, 27.8383, 30.9750

Trichromacy



Original Color

28.9211, 27.9510, 24.2928

Protanomaly

27.4126, 28.0256, 25.0838

Deuteranomaly

28.6460, 28.0231, 24.3213

Tritanomaly

29.6128, 27.7972, 28.2307

Monochromacy



Original Color

28.9211, 27.9510, 24.2928

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8091, 28.3790, 28.4381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9211, 27.9510, 24.2928 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(167, 138, 128)` looks like.

```
.text, #text, p{  
    color:rgb(167, 138, 128)  
}
```

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(167, 138, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 138, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.9211, 27.9510, 24.2928 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(167, 138, 128) }
```


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

```
.border{ border-color:rgb(167, 138, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 138, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 138, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 138, 128);  
box-shadow:4px 4px 4px 4px rgb(167, 138,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9211, 27.9510, 24.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 138, 128) }
```

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

```
.background{ background-color: rgb(167,  
138, 128) }
```

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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