

Converting Colors

XYZ(29.9814, 29.0168, 29.1760)

Have a look what the booklet for
XYZ(29.9814, 29.0168, 29.1760)
contains.

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Color

**XYZ(30.0585, 29.0798,
29.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	A68D8D
RGB	166, 141, 141
RGB Percent	65%, 55%, 55%
CMY	0.3490, 0.4470, 0.4471
CMYK	0.00, 0.15, 0.15, 0.35
HSL	0°, 12%, 60%
HSV	0°, 15%, 65%
XYZ	30.0585, 29.0798, 29.2280
YIQ	148.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

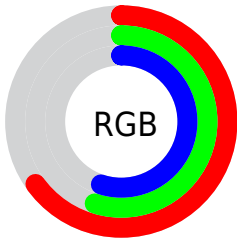
Format	Color
R _Y B	166, 141, 141
Decimal	10915213
CIE Lab	60.85, 9.40, 3.49
CIE LCh	61, 10.021, 20.366
Yxy	29.0798, 0.3402, 0.3291
Android (android.graphics.Color)	4289105293 (0xFFA68D8D)
YUV	148.4750, -3.6852, 15.3694
Hunter-Lab	53.9257, 5.1270, 5.6125

Details

The XYZ color **30.0585, 29.0798, 29.2280** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.5035, 35.6877, 41.3048**, and the grayscale version is **28.3580, 29.8348, 32.4901**.

A 20% lighter version of the original color is **59.1842, 58.3425, 59.7716**, and **12.5688, 11.8149, 11.5156** is the 20% darker color. If you saturate the color by 10%, you get **26.6482, 24.0897, 22.4473**, and if you desaturate by 10%, it is **34.0224, 34.8802, 37.1074**.

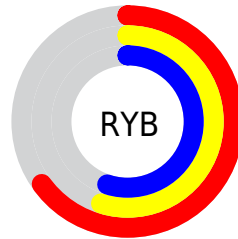
Distribution



Red (65%)

Green (55%)

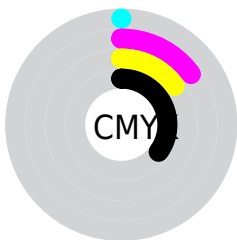
Blue (55%)



Red (65%)

Yellow (55%)

Blue (55%)

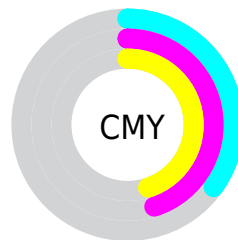


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0585, 29.0798, 29.2280 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 30.0585, 29.0798, 29.2280 by changing the saturation by 10% instead.

■ 30.0585, 29.0798,
29.2280

■ 30.0585, 29.0798,
29.2280

294.0820,
297.5913, 312.3837

■ 20.0313, 19.1412,
19.0063

■ 59.1407, 58.2038,
59.4856

■ 12.5262, 11.7723,
11.4980

■ 78.9263, 78.1581,
80.3587

■ 7.1778, 6.5889,
6.2845

■ 102.6955,
102.2197, 105.6192

■ 3.6209, 3.2063,
2.9472

130.8136,
130.7729, 135.6858

■ 1.4900, 1.2404,
1.0678

163.6460,
164.2024, 170.9770

■ 0.3190, 0.0943,
0.0000

201.5579,

■ 0.0000, 0.0000,

202.8923, 211.9114

0.0000

244.9148,
247.2271, 258.9075

■ 30.0585, 29.0798,
29.2280

■ 30.0585, 29.0798,
29.2280

■ 26.6482, 24.0897,
22.4473

■ 34.0224, 34.8802,
37.1074

■ 23.7645, 19.8701,
16.7146

■ 38.5604, 41.5205,
46.1292

■ 21.3821, 16.3839,
11.9784

■ 43.6950, 49.0336,
56.3371

■ 19.4722, 13.5892,
8.1819

■ 49.4467, 57.4498,
67.7719

■ 18.0035, 11.4400,
5.2623

■ 55.8350, 66.7974,
80.4724

■ 16.9407, 9.8847,
3.1497

■ 62.8787, 77.1040,
94.4758

■ 16.2431, 8.8639,
1.7632

■ 69.5361, 86.8471,
107.7060

■ 15.8602, 8.3035,
1.0023

■ 15.7263, 8.1075,
0.7360

Harmonies

Analogous

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



30.1871, 29.0798, 32.8806



30.0585, 29.0798, 29.2280



29.2707, 29.0798, 26.4462

Triad

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



30.0585, 29.0798, 29.2280



25.7523, 29.0798, 27.2978



27.2218, 29.0798, 39.2871

Complementary

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



30.0585, 29.0798, 29.2280



31.5035, 35.6877, 41.3048

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.



26.0700, 29.0798, 37.5242



30.0585, 29.0798, 29.2280



25.2394, 29.0798, 30.4758

Square

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



30.0585, 29.0798, 29.2280



26.7756, 29.0798, 25.3941



25.3539, 29.0798, 34.2295



28.5217, 29.0798, 38.8869

Rectangle

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



30.0585, 29.0798, 29.2280



28.4910, 29.0798, 25.3671



25.3539, 29.0798, 34.2295



26.8051, 29.0798, 38.9229

Sweetspot

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



30.0593, 29.0811, 29.2286



61.7215, 63.2665, 67.2954



32.1341, 29.9103, 40.1564



13.6961, 13.9881, 14.8288



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.



30.0593, 29.0811, 29.2286



52.4189, 49.6544, 48.8016



32.0072, 32.9770, 29.8779



7.5312, 7.5424, 7.8482



12.1948, 6.2869, 0.5708



0.2967, 0.1530, 0.0139

Inverse Universe

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



31.5035, 35.6877, 41.3048



55.5385, 63.9250, 74.8868



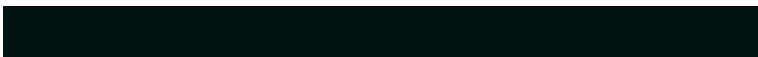
29.3411, 31.3628, 40.5840



7.7475, 8.5319, 9.6568



15.9089, 23.2780, 31.6301



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 30.0585, 29.0798, 29.2280 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 30.0585, 29.0798, 29.2280 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

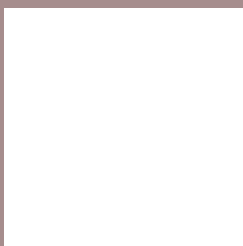
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0585, 29.0798, 29.2280

Background



This preview shows how black text looks on a background with the XYZ color 30.0585, 29.0798, 29.2280.



This preview shows how white text looks on a background with the XYZ color 30.0585, 29.0798,

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

30.0585, 29.0798, 29.2280

Protanopia

27.8906, 29.0554, 30.5238

Deuteranopia

29.5850, 29.0556, 29.2483



Tritanopia

30.8195, 29.1737, 32.8609

Trichromacy



Original Color

30.0585, 29.0798, 29.2280

Protanomaly

28.6415, 28.9976, 30.0741

Deuteranomaly

29.7906, 29.1616, 29.2579

Tritanomaly

30.5809, 29.0782, 31.6046

Monochromacy



Original Color

30.0585, 29.0798, 29.2280

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.7538, 29.2637, 30.9210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0585, 29.0798, 29.2280 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, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(166, 141, 141)  
}
```

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, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 141, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.0585, 29.0798, 29.2280 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, 141, 141) }
```


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

```
.border{ border-color:rgb(166, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(166, 141,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0585, 29.0798, 29.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 141, 141) }
```

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

```
.background{ background-color: rgb(166,  
141, 141) }
```

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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