

Converting Colors

XYZ(30.5307, 28.5958, 32.7650)

Have a look what the booklet for
XYZ(30.5307, 28.5958, 32.7650)
contains.

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Color

**XYZ(30.5298, 28.5945,
32.7643)**

Conversions

Conversions Part 1

Format	Color
Hex	A78A96
RGB	167, 138, 150
RGB Percent	65%, 54%, 59%
CMY	0.3451, 0.4588, 0.4118
CMYK	0.00, 0.17, 0.10, 0.35
HSL	335°, 14%, 60%
HSV	335°, 17%, 65%
XYZ	30.5298, 28.5945, 32.7643
YIQ	148.0390, 13.4320, 9.8800

Conversions

Conversions Part 2

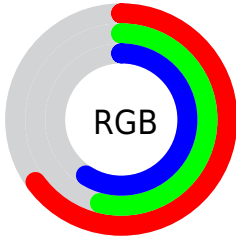
Format	Color
RYB	167, 138, 150
Decimal	10979990
CIELab	60.42, 13.02, -2.26
CIELCh	60, 13.214, 350.152
Yxy	28.5945, 0.3322, 0.3112
Android (android.graphics.Color)	4289170070 (0xFFA78A96)
YUV	148.0390, 0.9668, 16.6288
Hunter-Lab	53.4738, 8.3318, 1.1037

Details

The XYZ color **30.5298, 28.5945, 32.7643** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2175, 35.4079, 36.2538**, and the grayscale version is **28.1574, 29.6238, 32.2603**.

A 20% lighter version of the original color is **59.8729, 57.5885, 65.0868**, and **12.8121, 11.5251, 13.3537** is the 20% darker color. If you saturate the color by 10%, you get **27.5600, 23.8640, 28.0459**, and if you desaturate by 10%, it is **33.9356, 34.0907, 37.9538**.

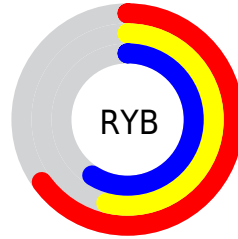
Distribution



Red (65%)

Green (54%)

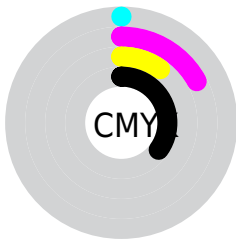
Blue (59%)



Red (65%)

Yellow (54%)

Blue (59%)

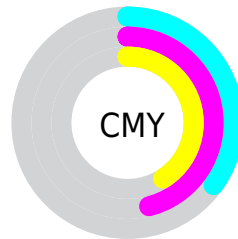


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (35%)



Cyan (35%)


Magenta (46%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5298, 28.5945, 32.7643 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 30.5298, 28.5945, 32.7643 by changing the saturation by 10% instead.


 30.5298, 28.5945,
32.7643


 30.5298, 28.5945,
32.7643


296.2319,
295.2969, 329.1857


 20.3911, 18.7743,
21.6763


 59.8799, 57.4322,
65.1191

 12.7896, 11.5073,
13.4232


 79.8221, 77.2185,
87.2231

 7.3598, 6.4091,
7.5865


 103.7628,
101.0955, 113.8360

 3.7365, 3.0954,
3.7475

132.0674,
129.4478, 145.3766

 1.5541, 1.1818,
1.4879

165.1013,
162.6597, 182.2633

 0.3622, 0.0467,
0.2089

203.2297,

 0.0000, 0.0000,

201.1156, 224.9147

0.0000

246.8182,
245.1998, 273.7493

■ 30.5298, 28.5945,
32.7643

■ 30.5298, 28.5945,
32.7643

■ 27.5600, 23.8640,
28.0459

■ 33.9356, 34.0907,
37.9538

■ 25.0053, 19.8612,
23.7826

■ 37.7921, 40.3809,
43.6258

■ 22.8467, 16.5506,
19.9604

■ 42.1165, 47.4964,
49.7939

■ 21.0630, 13.8922,
16.5634

■ 46.9241, 55.4659,
56.4703

■ 19.6304, 11.8415,
13.5750

■ 52.2298, 64.3167,
63.6668

■ 18.5227, 10.3490,
10.9769

■ 58.0477, 74.0746,
71.3949

■ 17.7092, 9.3568,
8.7491

■ 64.3912, 84.7648,
79.6656

■ 17.1433, 8.7748,
6.8656

■ 65.7455, 85.3551,
86.6470

■ 17.0135, 8.6464,
6.4175

■ 67.1463, 85.9155,
94.0239

Harmonies

Analogous

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



29.7674, 28.5945, 37.5305



30.5298, 28.5945, 32.7643



30.3658, 28.5945, 28.0177

Triad

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



30.5298, 28.5945, 32.7643



26.0669, 28.5945, 23.1428



25.1359, 28.5945, 38.8941

Complementary

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



30.5298, 28.5945, 32.7643



30.2175, 35.4079, 36.2538

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.



24.2219, 28.5945, 34.4744



30.5298, 28.5945, 32.7643



24.7437, 28.5945, 25.5099

Square

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



30.5298, 28.5945, 32.7643



27.7415, 28.5945, 22.7873



24.0814, 28.5945, 29.5598



26.6226, 28.5945, 41.3056

Rectangle

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



30.5298, 28.5945, 32.7643



29.7556, 28.5945, 25.4766



24.0814, 28.5945, 29.5598



24.7541, 28.5945, 37.5737

Sweetspot

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



30.5306, 28.5958, 32.7649



62.2736, 63.4868, 70.2040



29.5662, 27.9288, 40.3919



13.8350, 14.0435, 15.5608



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.



30.5306, 28.5958, 32.7649



52.4492, 47.6477, 55.1846



29.9639, 28.9300, 28.0512



7.6550, 7.5919, 8.5004



13.0421, 6.6256, 5.0333



0.3429, 0.1714, 0.2574

Inverse Universe

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



30.5306, 28.5958, 32.7649



52.4492, 47.6477, 55.1846



30.8373, 34.9541, 41.6809



7.6550, 7.5919, 8.5004



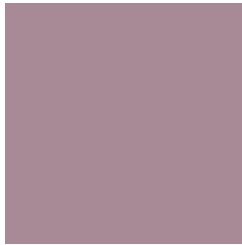
13.0421, 6.6256, 5.0333



0.3429, 0.1714, 0.2574

Previews

White Background



This preview shows how the XYZ color 30.5298, 28.5945, 32.7643 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 30.5298, 28.5945, 32.7643 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 30.5298, 28.5945, 32.7643

Background



This preview shows how black text looks on a background with the XYZ color 30.5298, 28.5945, 32.7643.



This preview shows how white text looks on a background with the XYZ color 30.5298, 28.5945,

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

30.5298, 28.5945, 32.7643

Protanopia

27.8122, 28.6949, 34.6447

Deuteranopia

29.0502, 28.4888, 32.4015



Tritanopia

30.4496, 28.5624, 32.3420

Trichromacy



Original Color

30.5298, 28.5945, 32.7643

Protanomaly

28.7492, 28.5159, 34.1259

Deuteranomaly

29.5008, 28.5032, 32.3806

Tritanomaly

30.4496, 28.5624, 32.3420

Monochromacy



Original Color

30.5298, 28.5945, 32.7643

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.9156, 29.0850, 32.5237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5298, 28.5945, 32.7643 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(167, 138, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 138, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.5298, 28.5945, 32.7643 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, 150) }
```


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

```
.border{ border-color:rgb(167, 138, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 138, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 138, 150);  
box-shadow:4px 4px 4px 4px rgb(167, 138,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5298, 28.5945, 32.7643 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, 150) }
```

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

```
.background{ background-color: rgb(167,  
138, 150) }
```

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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