

Converting Colors

XYZ(28.6404, 27.9874, 30.3754)

Have a look what the booklet for
XYZ(28.6404, 27.9874, 30.3754)
contains.

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Color

**XYZ(28.5647, 27.8498,
30.2556)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8B90
RGB	159, 139, 144
RGB Percent	62%, 55%, 56%
CMY	0.3765, 0.4549, 0.4353
CMYK	0.00, 0.13, 0.09, 0.38
HSL	345°, 9%, 58%
HSV	345°, 13%, 62%
XYZ	28.5647, 27.8498, 30.2556
YIQ	145.5500, 10.3150, 5.7950

Conversions

Conversions Part 2

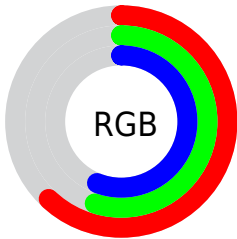
Format	Color
R _Y B	159, 139, 144
Decimal	10455952
CIE Lab	59.75, 8.39, 0.10
CIE LCh	60, 8.394, 0.668
Yxy	27.8498, 0.3296, 0.3213
Android (android.graphics.Color)	4288646032 (0xFF9F8B90)
YUV	145.5500, -0.7641, 11.7957
Hunter-Lab	52.7729, 4.2651, 2.9491

Details

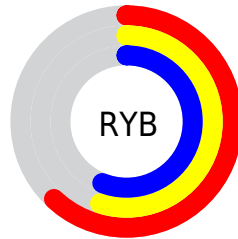
The XYZ color **28.5647, 27.8498, 30.2556** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.8794, 32.6189, 35.3473**, and the grayscale version is **27.1383, 28.5516, 31.0927**.

A 20% lighter version of the original color is **56.9946, 56.5133, 61.3303**, and **11.6562, 11.0787, 12.1137** is the 20% darker color. If you saturate the color by 10%, you get **25.5640, 23.2307, 24.9931**, and if you desaturate by 10%, it is **31.9982, 33.1796, 36.1382**.

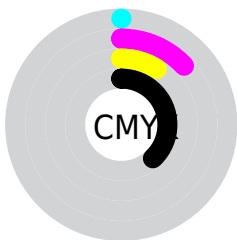
Distribution



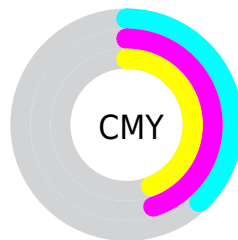
- Red (62%)
- Green (55%)
- Blue (56%)



- Red (62%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (38%)




- Cyan (38%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5647, 27.8498, 30.2556 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 28.5647, 27.8498, 30.2556 by changing the saturation by 10% instead.

 28.5647, 27.8498,
30.2556


 28.5647, 27.8498,
30.2556


287.1869,
291.7485, 317.3384


 18.8944, 18.2125,
19.7790


 56.7871, 56.2446,
61.1319

 11.6975, 11.1026,
12.0520


 76.0699, 75.7708,
82.3687

 6.6088, 6.1359,
6.6561


 99.2877, 99.3620,
108.0293

 3.2628, 2.9279,
3.1728

126.8056,
127.4028, 138.5323

 1.2942, 1.0942,
1.1835

158.9892,
160.2774, 174.2961

 0.1789, 0.0000,
0.0000

196.2036,

 0.0000, 0.0000,

198.3703, 215.7394

0.0000

238.8144,
242.0659, 263.2806

■ 28.5647, 27.8498,
30.2556

■ 28.5647, 27.8498,
30.2556

■ 25.5640, 23.2307,
24.9931

■ 31.9982, 33.1796,
36.1382

■ 22.9763, 19.2886,
20.3284

■ 35.8784, 39.2446,
42.6587

■ 20.7838, 15.9926,
16.2405

■ 40.2217, 46.0726,
49.8362

■ 18.9666, 13.3080,
12.7065

■ 45.0428, 53.6890,
57.6886

■ 17.5028, 11.1968,
9.7019

■ 50.3558, 62.1178,
66.2331

■ 16.3683, 9.6166,
7.2000

■ 56.1742, 71.3823,
75.4862

■ 15.5357, 8.5192,
5.1721

■ 62.5110, 81.5045,
85.4640

■ 14.9730, 7.8475,
3.5858

■ 65.6995, 85.1475,
94.9553

■ 14.6766, 7.5224,
2.6622

■ 67.5246, 85.8776,
104.5663

Harmonies

Analogous

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



28.2904, 27.8498, 33.2790



28.5647, 27.8498, 30.2556



28.2655, 27.8498, 27.4382

Triad

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



28.5647, 27.8498, 30.2556



25.4427, 27.8498, 25.5676



25.4829, 27.8498, 35.7118

Complementary

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



28.5647, 27.8498, 30.2556



28.8794, 32.6189, 35.3473

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.



24.7530, 27.8498, 33.4047



28.5647, 27.8498, 30.2556



24.7302, 27.8498, 27.5488

Square

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



28.5647, 27.8498, 30.2556



26.4466, 27.8498, 24.8450



24.4811, 27.8498, 30.3919



26.4942, 27.8498, 36.5538

Rectangle

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



28.5647, 27.8498, 30.2556



27.7855, 27.8498, 26.0224



24.4811, 27.8498, 30.3919



25.1974, 27.8498, 35.0746

Sweetspot

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



28.5655, 27.8510, 30.2562



56.3331, 57.9073, 63.0680



28.8179, 27.8398, 36.6558



12.5962, 12.8933, 14.0415



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.5655, 27.8510, 30.2562



49.6268, 47.5138, 51.5245



28.9324, 29.1826, 28.5356



6.6977, 6.6720, 7.2591



11.6067, 5.9473, 2.1801



0.2229, 0.1125, 0.1198

Inverse Universe

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



28.5655, 27.8510, 30.2562



49.6268, 47.5138, 51.5245



28.4620, 31.1042, 37.3047



6.6977, 6.6720, 7.2591



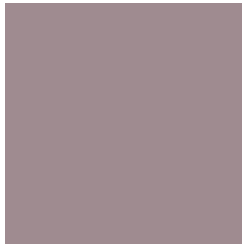
11.6067, 5.9473, 2.1801



0.2229, 0.1125, 0.1198

Previews

White Background



This preview shows how the XYZ color 28.5647, 27.8498, 30.2556 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 28.5647, 27.8498, 30.2556 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 28.5647, 27.8498, 30.2556

Background



This preview shows how black text looks on a background with the XYZ color 28.5647, 27.8498, 30.2556.



This preview shows how white text looks on a background with the XYZ color 28.5647, 27.8498,

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

28.5647, 27.8498, 30.2556

Protanopia

26.8648, 27.8312, 31.1502

Deuteranopia

28.3672, 27.7480, 30.2463



Tritanopia

29.0105, 27.8205, 32.2746

Trichromacy



Original Color

28.5647, 27.8498, 30.2556

Protanomaly

27.5463, 27.9696, 30.7349

Deuteranomaly

28.3672, 27.7480, 30.2463

Tritanomaly

28.8521, 27.7571, 31.4408

Monochromacy



Original Color

28.5647, 27.8498, 30.2556

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.6958, 28.2686, 30.7847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5647, 27.8498, 30.2556 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(159, 139, 144)` looks like.

```
.text, #text, p{  
    color:rgb(159, 139, 144)  
}
```

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(159, 139, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 139, 144) }
```

Border

The CSS property to change the border of an element to XYZ 28.5647, 27.8498, 30.2556 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(159, 139, 144) }
```


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

```
.border{ border-color:rgb(159, 139, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 139, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 139, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 139, 144);  
box-shadow:4px 4px 4px 4px rgb(159, 139,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5647, 27.8498, 30.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 139, 144) }
```

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

```
.background{ background-color: rgb(159,  
139, 144) }
```

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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