

Converting Colors

XYZ(27.9485, 28.7098, 16.6481)

Have a look what the booklet for
XYZ(27.9485, 28.7098, 16.6481)
contains.

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Color

**XYZ(27.9466, 28.7112,
16.6392)**

Conversions

Conversions Part 1

Format	Color
Hex	A68F66
RGB	166, 143, 102
RGB Percent	65%, 56%, 40%
CMY	0.3490, 0.4392, 0.6000
CMYK	0.00, 0.14, 0.39, 0.35
HSL	38°, 26%, 53%
HSV	38°, 39%, 65%
XYZ	27.9466, 28.7112, 16.6392
YIQ	145.2030, 26.8690, -7.8750

Conversions

Conversions Part 2

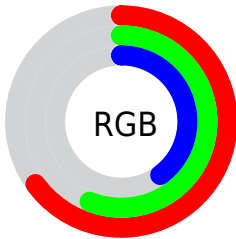
Format	Color
R_{YB}	138, 166, 102
Decimal	10915686
CIE Lab	60.53, 2.63, 25.01
CIE LCh	61, 25.152, 84.002
Yxy	28.7112, 0.3813, 0.3917
Android (android.graphics.Color)	4289105766 (0xFFA68F66)
YUV	145.2030, -21.2991, 18.2390
Hunter-Lab	53.5828, -0.6717, 19.0965

Details

The XYZ color **27.9466, 28.7112, 16.6392** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.6958, 20.2445, 38.9459**, and the grayscale version is **27.0731, 28.4830, 31.0179**.

A 20% lighter version of the original color is **55.8402, 57.7620, 38.3431**, and **11.3903, 11.6058, 5.1298** is the 20% darker color. If you saturate the color by 10%, you get **26.3329, 26.6719, 12.4384**, and if you desaturate by 10%, it is **29.7743, 30.9144, 21.7253**.

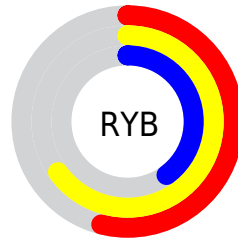
Distribution



Red (65%)

Green (56%)

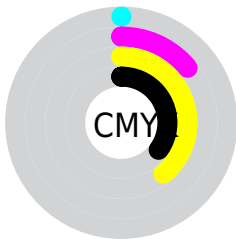
Blue (40%)



Red (54%)

Yellow (65%)

Blue (40%)

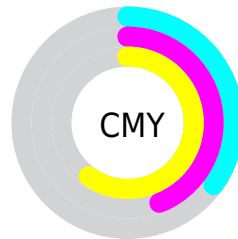


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (35%)



Cyan (35%)

Magenta (44%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9466, 28.7112, 16.6392 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 27.9466, 28.7112, 16.6392 by changing the saturation by 10% instead.

■ 27.9466, 28.7112,
16.6392

■ 27.9466, 28.7112,
16.6392

284.2964,
295.8499, 245.0577

■ 18.4257, 18.8625,
9.8184

■ 55.8084, 57.6179,
38.4865

■ 11.3576, 11.5709,
5.1747

■ 74.8800, 77.4447,
54.3500

■ 6.3769, 6.4522,
2.2896

■ 97.8658, 101.3663,
74.0649

■ 3.1184, 3.1220,
0.7254

■ 125.1313,
129.7670, 98.0496

■ 1.2167, 1.1957,
0.0000

157.0417,
163.0314, 126.7227

■ 0.1195, 0.0582,
0.0000

193.9625,

■ 0.0000, 0.0000,

201.5437, 160.5027

0.0000

236.2589,
245.6884, 199.8082

■ 27.9466, 28.7112,
16.6392

■ 27.9466, 28.7112,
16.6392

■ 26.3329, 26.6719,
12.4384

■ 29.7743, 30.9144,
21.7253

■ 24.9203, 24.7870,
9.0689

■ 31.8235, 33.2825,
27.7429

■ 23.6979, 23.0519,
6.4731

■ 34.1042, 35.8216,
34.7373

■ 22.6525, 21.4603,
4.5857

■ 36.6248, 38.5363,
42.7500

■ 21.7688, 20.0047,
3.3301

■ 39.3935, 41.4308,
51.8203

■ 21.0193, 18.6729,
2.5653

■ 42.4178, 44.5093,
61.9854

■ 20.9164, 18.4881,
2.4661

■ 45.7052, 47.7757,
73.2805

■ 49.2626, 51.2338,
85.7395

■ 53.0968, 54.8874,
99.3946

Harmonies

Analogous

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



31.1251, 28.7112, 18.9135



27.9466, 28.7112, 16.6392



24.8278, 28.7112, 17.6085

Triad

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



27.9466, 28.7112, 16.6392



21.9744, 28.7112, 39.1125



32.6576, 28.7112, 42.9908

Complementary

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



27.9466, 28.7112, 16.6392



19.6958, 20.2445, 38.9459

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.



29.9080, 28.7112, 50.6031



27.9466, 28.7112, 16.6392



23.7821, 28.7112, 48.0712

Square

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



27.9466, 28.7112, 16.6392



21.5397, 28.7112, 29.4306



26.6421, 28.7112, 52.6258



33.9802, 28.7112, 33.1671

Rectangle

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



27.9466, 28.7112, 16.6392



23.1782, 28.7112, 20.0845



26.6421, 28.7112, 52.6258



31.8595, 28.7112, 45.9655

Sweetspot

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



27.9473, 28.7125, 16.6398



60.3273, 63.2854, 58.1760



24.2090, 19.1026, 21.9702



13.3846, 14.0338, 12.6635



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.



27.9473, 28.7125, 16.6398



48.2631, 49.0159, 23.7608



30.0304, 35.4469, 17.8299



7.9167, 8.3135, 7.9767



16.2650, 14.4273, 1.9275



0.4415, 0.4426, 0.0622

Inverse Universe

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



19.6958, 20.2445, 38.9459



31.2041, 31.5219, 69.9150



18.1315, 15.6055, 38.1329



7.3442, 7.7253, 9.5224



6.6170, 4.6942, 28.5328



0.2094, 0.2111, 0.7103

Previews

White Background



This preview shows how the XYZ color 27.9466, 28.7112, 16.6392 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 27.9466, 28.7112, 16.6392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

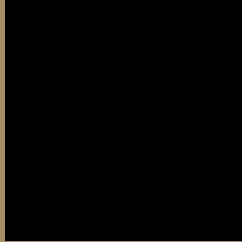
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9466, 28.7112, 16.6392

Background



This preview shows how black text looks on a background with the XYZ color 27.9466, 28.7112, 16.6392.



This preview shows how white text looks on a background with the XYZ color 27.9466, 28.7112,

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

27.9466, 28.7112, 16.6392

Protanopia

26.8276, 28.8061, 16.9781

Deuteranopia

29.2818, 28.7341, 16.8349



Tritanopia

31.0855, 28.6874, 31.9158

Trichromacy



Original Color

27.9466, 28.7112, 16.6392

Protanomaly

27.2715, 28.8071, 16.9549

Deuteranomaly

28.7676, 28.6870, 16.8529

Tritanomaly

29.6915, 28.5389, 25.4164

Monochromacy



Original Color

27.9466, 28.7112, 16.6392

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.0726, 28.3038, 24.8052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9466, 28.7112, 16.6392 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, 143, 102)` looks like.

```
.text, #text, p{  
    color:rgb(166, 143, 102)  
}
```

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, 143, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 143, 102) }
```

Border

The CSS property to change the border of an element to XYZ 27.9466, 28.7112, 16.6392 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, 143, 102) }
```


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

```
.border{ border-color:rgb(166, 143, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 143, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 143, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 143, 102);  
box-shadow:4px 4px 4px 4px rgb(166, 143,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9466, 28.7112, 16.6392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 143, 102) }
```

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

```
.background{ background-color: rgb(166,  
143, 102) }
```

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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