

Converting Colors

XYZ(16.9853, 15.6302, 14.1719)

Have a look what the booklet for
XYZ(16.9853, 15.6302, 14.1719)
contains.

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Color

**XYZ(16.9820, 15.6889,
14.1898)**

Conversions

Conversions Part 1	
Format	Color
Hex	866764
RGB	134, 103, 100
RGB Percent	53%, 40%, 39%
CMY	0.4745, 0.5961, 0.6078
CMYK	0.00, 0.23, 0.25, 0.47
HSL	5°, 15%, 46%
HSV	5°, 25%, 53%
XYZ	16.9820, 15.6889, 14.1898
YIQ	111.9270, 19.4390, 5.6390

Conversions

Conversions Part 2

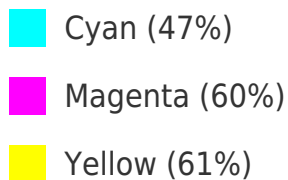
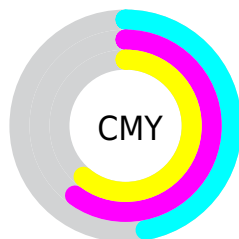
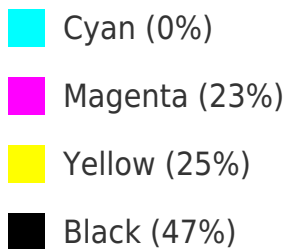
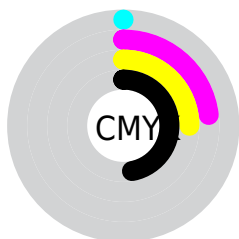
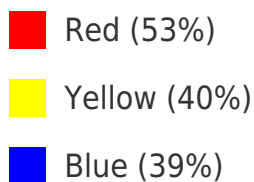
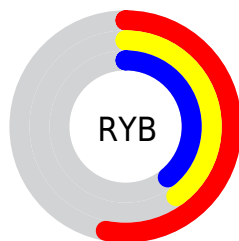
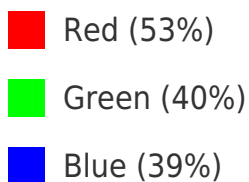
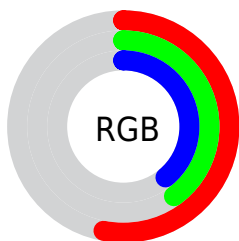
Format	Color
RYB	134, 103, 100
Decimal	8808292
CIELab	46.56, 11.94, 6.47
CIELCh	47, 13.582, 28.443
Yxy	15.6889, 0.3624, 0.3348
Android (android.graphics.Color)	4286998372 (0xFF866764)
YUV	111.9270, -5.8800, 19.3580
Hunter-Lab	39.6092, 7.2137, 6.4861

Details

The XYZ color **16.9820, 15.6889, 14.1898** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.6747, 20.6626, 25.6111**, and the grayscale version is **15.3927, 16.1943, 17.6356**.

A 20% lighter version of the original color is **37.8806, 36.0369, 34.2375**, and **5.7129, 4.9702, 4.0264** is the 20% darker color. If you saturate the color by 10%, you get **15.2585, 13.1957, 10.6744**, and if you desaturate by 10%, it is **18.9907, 18.5814, 18.3270**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 16.9820, 15.6889, 14.1898 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 16.9820, 15.6889, 14.1898 by changing the saturation by 10% instead.


 16.9820, 15.6889,
14.1898


 16.9820, 15.6889,
14.1898


228.2269,
227.4989, 229.8777


 10.3169, 9.3043,
8.1125


 37.8387, 36.0573,
34.1474


 5.6734, 4.9402,
4.0782

 52.7609, 50.8098,
48.8648

 2.6863, 2.2122,
1.6684

 71.1663, 69.1205,
67.2993

 0.9901, 0.7266,
0.3389

 93.4201, 91.3736,
89.8695


 0.0000, 0.0000,
0.0000


119.8877,
117.9536, 116.9939

150.9345,


149.2449, 149.0910


186.9257,
185.6319, 186.5795


 16.9820, 15.6889,
14.1898


 16.9820, 15.6889,
14.1898


 15.2585, 13.1957,
10.6744


 18.9907, 18.5814,
18.3270


 13.8059, 11.0822,
7.7497


 21.2952, 21.8872,
23.1130


 12.6108, 9.3303,
5.3837


 23.9075, 25.6227,
28.5743


 11.6582, 7.9199,
3.5406


 26.8382, 29.8024,
34.7358


 10.9312, 6.8284,
2.1808


 30.0977, 34.4403,
41.6210


 10.4111, 6.0311,
1.2587


 33.6956, 39.5497,
49.2524

 10.0736, 5.4981,
0.7084

 37.6413, 45.1434,
57.6515

 9.9610, 5.3273,
0.5033

 41.9439, 51.2338,
66.8388

 46.6121, 57.8325,
76.8343

Harmonies

Analogous

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



17.2794, 15.6889, 17.2584



16.9820, 15.6889, 14.1898



16.1223, 15.6889, 12.1529

Triad

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



16.9820, 15.6889, 14.1898



13.0731, 15.6889, 13.9232



14.8507, 15.6889, 24.3789

Complementary

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



16.9820, 15.6889, 14.1898



17.6747, 20.6626, 25.6111

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.



13.7635, 15.6889, 23.1921



16.9820, 15.6889, 14.1898



12.7710, 15.6889, 16.9078

Square

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



16.9820, 15.6889, 14.1898



13.8642, 15.6889, 12.0137



13.0171, 15.6889, 20.3439



16.0109, 15.6889, 23.4077

Rectangle

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



16.9820, 15.6889, 14.1898



15.3678, 15.6889, 11.5084



13.0171, 15.6889, 20.3439



14.4650, 15.6889, 24.2164

Sweetspot

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



16.9824, 15.6896, 14.1901



36.3279, 36.8550, 38.2407



18.4969, 15.8261, 23.6120



8.0600, 8.1248, 8.3568



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.9824, 15.6896, 14.1901



28.2542, 25.2348, 21.5932



18.8283, 19.3815, 14.8054



4.7032, 4.7500, 4.8983



9.3389, 5.0004, 0.4730



0.0344, 0.0213, 0.0023

Inverse Universe

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



17.6747, 20.6626, 25.6111



29.6720, 35.4289, 45.0130



15.5949, 16.5030, 24.9178



4.7674, 5.2105, 5.9552



10.5778, 14.7034, 23.4172



0.0392, 0.0561, 0.0820

Previews

White Background



This preview shows how the XYZ color 16.9820, 15.6889, 14.1898 looks on a white background.

Color Contrast Check

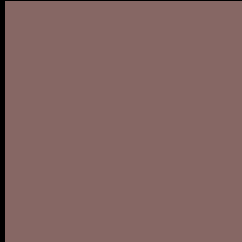
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.9820, 15.6889, 14.1898 looks on a black 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

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

XYZ 16.9820, 15.6889, 14.1898

Background



This preview shows how black text looks on a background with the XYZ color 16.9820, 15.6889, 14.1898.

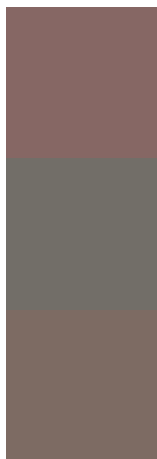


This preview shows how white text looks on a background with the XYZ color 16.9820, 15.6889,

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

16.9820, 15.6889, 14.1898

Protanopia

15.0141, 15.7287, 15.3413

Deuteranopia

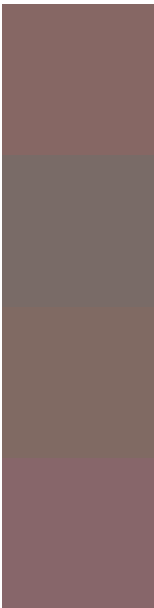
15.9673, 15.7762, 14.0079



Tritanopia

17.5034, 15.7578, 16.5870

Trichromacy



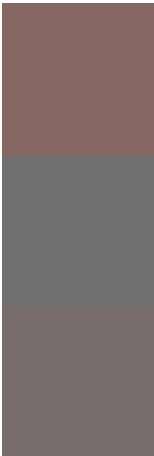
Original Color
16.9820, 15.6889, 14.1898

Protanomaly
15.5910, 15.5596, 15.0135

Deuteranomaly
16.3083, 15.7981, 13.9942

Tritanomaly
17.3446, 15.6942, 15.7508

Monochromacy



Original Color
16.9820, 15.6889, 14.1898

Achromatopsia
15.4009, 16.2029, 17.6450

Achromatomaly
15.9211, 16.0131, 16.4391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9820, 15.6889, 14.1898 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(134, 103, 100)` looks like.

```
.text, #text, p{  
    color:rgb(134, 103, 100)  
}
```

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(134, 103, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 103, 100) }
```

Border

The CSS property to change the border of an element to XYZ 16.9820, 15.6889, 14.1898 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(134, 103, 100) }
```


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

```
.border{ border-color:rgb(134, 103, 100) }
```

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

Here you see how a box with a 4 pixel rgb(134, 103, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 103, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 103, 100);  
box-shadow:4px 4px 4px 4px rgb(134, 103,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9820, 15.6889, 14.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 103, 100) }
```

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

```
.background{ background-color: rgb(134,  
103, 100) }
```

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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