

Converting Colors

XYZ(16.8746, 16.6026, 15.5591)

Have a look what the booklet for
XYZ(16.8746, 16.6026, 15.5591)
contains.

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Color

**XYZ(16.9205, 16.5464,
15.6666)**

Conversions

Conversions Part 1

Format	Color
Hex	806D69
RGB	128, 109, 105
RGB Percent	50%, 43%, 41%
CMY	0.4980, 0.5725, 0.5882
CMYK	0.00, 0.15, 0.18, 0.50
HSL	10°, 10%, 46%
HSV	10°, 18%, 50%
XYZ	16.9205, 16.5464, 15.6666
YIQ	114.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

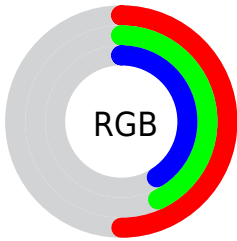
Format	Color
R_{YB}	128, 110, 105
Decimal	8416617
CIE Lab	47.68, 6.78, 5.00
CIE LCh	48, 8.419, 36.408
Yxy	16.5464, 0.3444, 0.3368
Android (android.graphics.Color)	4286606697 (0xFF806D69)
YUV	114.2250, -4.5479, 12.0807
Hunter-Lab	40.6773, 3.0653, 5.6389

Details

The XYZ color **16.9205, 16.5464, 15.6666** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9295, 18.9765, 23.1927**, and the grayscale version is **16.0727, 16.9097, 18.4147**.

A 20% lighter version of the original color is **37.6276, 37.3657, 36.6816**, and **5.7108, 5.4130, 4.7468** is the 20% darker color. If you saturate the color by 10%, you get **15.2508, 14.1817, 12.1049**, and if you desaturate by 10%, it is **18.8259, 19.2236, 19.7959**.

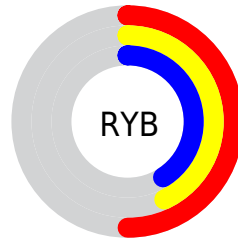
Distribution



Red (50%)

Green (43%)

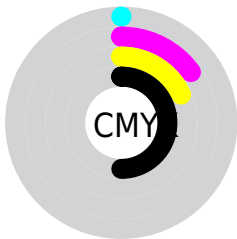
Blue (41%)



Red (50%)

Yellow (43%)

Blue (41%)

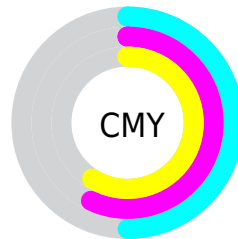


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (50%)



Cyan (50%)

Magenta (57%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9205, 16.5464, 15.6666 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 16.9205, 16.5464, 15.6666 by changing the saturation by 10% instead.

■ 16.9205, 16.5464,
15.6666

■ 16.9205, 16.5464,
15.6666

227.8790,
232.5447, 239.1444

■ 10.2728, 9.9116,
9.1367

■ 37.7337, 37.5442,
36.7771

■ 5.6438, 5.3404,
4.7325

■ 52.6299, 52.6760,
52.1949

■ 2.6683, 2.4483,
2.0352

■ 71.0064, 71.4090,
71.4124

■ 0.9809, 0.8506,
0.5768

■ 93.2283, 94.1275,
94.8481

■ 0.0000, 0.0000,
0.0000

119.6612,
121.2159, 122.9206

150.6704,

153.0587, 156.0485

186.6212,
190.0401, 194.6503

■ 16.9205, 16.5464,
15.6666

■ 16.9205, 16.5464,
15.6666

■ 15.2508, 14.1817,
12.1049

■ 18.8259, 19.2236,
19.7959

■ 13.8061, 12.1158,
9.0848

■ 20.9742, 22.2219,
24.5150

■ 12.5772, 10.3375,
6.5801

■ 23.3742, 25.5521,
29.8462

■ 11.5534, 8.8340,
4.5618

■ 26.0338, 29.2241,
35.8105

■ 10.7234, 7.5913,
2.9980

■ 28.9603, 33.2472,
42.4276

■ 10.0743, 6.5945,
1.8531

■ 32.1611, 37.6305,
49.7166

■ 9.5921, 5.8267,
1.0862

■ 35.6431, 42.3827,
57.6956

■ 9.2518, 5.2658,
0.6035

■ 39.4128, 47.5121,
66.3823

■ 9.1943, 5.1736,
0.5140

■ 43.4769, 53.0270,
75.7936

Harmonies

Analogous

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



17.2092, 16.5464, 17.5576



16.9205, 16.5464, 15.6666



16.3132, 16.5464, 14.4788

Triad

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



16.9205, 16.5464, 15.6666



14.4376, 16.5464, 16.4079



15.8889, 16.5464, 22.4566

Complementary

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



16.9205, 16.5464, 15.6666



16.9295, 18.9765, 23.1927

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.



15.1548, 16.5464, 22.0874



16.9205, 16.5464, 15.6666



14.3322, 16.5464, 18.4828

Square

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



16.9205, 16.5464, 15.6666



14.8835, 16.5464, 14.8823



14.5907, 16.5464, 20.5897



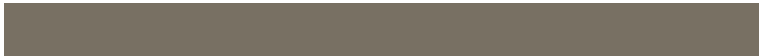
16.6015, 16.5464, 21.5618

Rectangle

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



16.9205, 16.5464, 15.6666



15.8177, 16.5464, 14.1884



14.5907, 16.5464, 20.5897



15.6364, 16.5464, 22.4772

Sweetspot

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



16.9210, 16.5471, 15.6669



34.1807, 35.2937, 37.1166



17.6024, 16.1520, 21.3141



7.9517, 8.1921, 8.5786



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.9210, 16.5471, 15.6669



28.4072, 27.1771, 24.6168



18.2086, 19.1225, 16.0962



4.3836, 4.4560, 4.5492



9.1176, 5.1316, 0.5099



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.9295, 18.9765, 23.1927



28.4244, 32.3690, 40.7060



15.5902, 16.2980, 22.7462



4.3848, 4.7636, 5.5016



8.9468, 11.7121, 22.0391



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9205, 16.5464, 15.6666 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 16.9205, 16.5464, 15.6666 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 16.9205, 16.5464, 15.6666

Background



This preview shows how black text looks on a background with the XYZ color 16.9205, 16.5464, 15.6666.



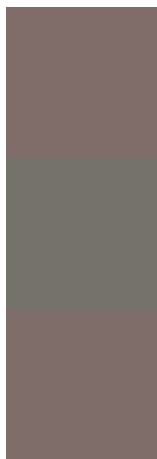
This preview shows how white text looks on a background with the XYZ color 16.9205, 16.5464,

15.6666.

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

16.9205, 16.5464, 15.6666

Protanopia

15.8951, 16.6537, 16.2866

Deuteranopia

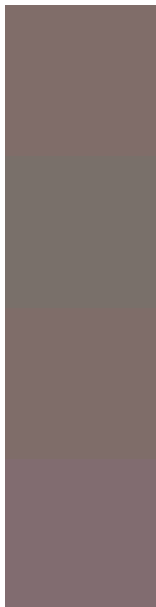
16.7708, 16.4692, 15.6596



Tritanopia

17.4633, 16.4435, 18.7765

Trichromacy



Original Color

16.9205, 16.5464, 15.6666

Protanomaly

16.2808, 16.6939, 15.9998

Deuteranomaly

16.7708, 16.4692, 15.6596

Tritanomaly

17.3405, 16.5621, 17.6121

Monochromacy



Original Color

16.9205, 16.5464, 15.6666

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.2712, 16.6580, 17.3967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9205, 16.5464, 15.6666 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(128, 109, 105)` looks like.

```
.text, #text, p{  
    color:rgb(128, 109, 105)  
}
```

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(128, 109, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 109, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.9205, 16.5464, 15.6666 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(128, 109, 105) }
```


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

```
.border{ border-color:rgb(128, 109, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 109, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 109, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 109, 105);  
box-shadow:4px 4px 4px 4px rgb(128, 109,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9205, 16.5464, 15.6666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 109, 105) }
```

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

```
.background{ background-color: rgb(128,  
109, 105) }
```

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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