

Converting Colors

XYZ(16.3885, 14.9788, 17.4055)

Have a look what the booklet for
XYZ(16.3885, 14.9788, 17.4055)
contains.

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Color

**XYZ(16.4804, 15.0664,
17.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	806570
RGB	128, 101, 112
RGB Percent	50%, 40%, 44%
CMY	0.4980, 0.6039, 0.5608
CMYK	0.00, 0.21, 0.12, 0.50
HSL	336°, 12%, 45%
HSV	336°, 21%, 50%
XYZ	16.4804, 15.0664, 17.3687
YIQ	110.3270, 12.5610, 9.1450

Conversions

Conversions Part 2

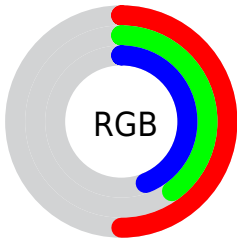
Format	Color
R_{YB}	128, 101, 112
Decimal	8414576
CIE Lab	45.73, 12.76, -2.04
CIE LCh	46, 12.920, 350.893
Yxy	15.0664, 0.3369, 0.3080
Android (android.graphics.Color)	4286604656 (0xFF806570)
YUV	110.3270, 0.8248, 15.4992
Hunter-Lab	38.8155, 7.8611, 0.6404

Details

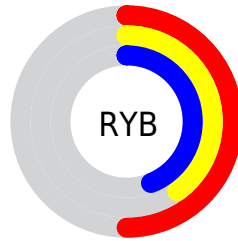
The XYZ color **16.4804, 15.0664, 17.3687** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2975, 19.4898, 19.7335**, and the grayscale version is **14.9105, 15.6870, 17.0831**.

A 20% lighter version of the original color is **36.9851, 34.9606, 39.9207**, and **5.3865, 4.6282, 5.4599** is the 20% darker color. If you saturate the color by 10%, you get **14.9284, 12.6100, 14.8546**, and if you desaturate by 10%, it is **18.2624, 17.9256, 20.1355**.

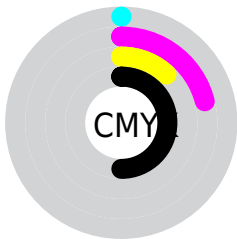
Distribution



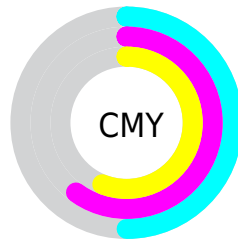
- Red (50%)
- Green (40%)
- Blue (44%)



- Red (50%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4804, 15.0664, 17.3687 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 16.4804, 15.0664, 17.3687 by changing the saturation by 10% instead.

■ 16.4804, 15.0664,
17.3687

■ 16.4804, 15.0664,
17.3687

225.3751,
223.7678, 249.4037

■ 9.9577, 8.8660,
10.3330

■ 36.9810, 34.9696,
39.7579

■ 5.4330, 4.6539,
5.5118

■ 51.6896, 49.4412,
55.9485

■ 2.5408, 2.0456,
2.4866

■ 69.8575, 67.4387,
76.0278

■ 0.9159, 0.6338,
0.8331

■ 91.8502, 89.3464,
100.4143

■ 0.0000, 0.0000,
0.0000

118.0329,
115.5488, 129.5266

148.7711,

146.4302, 163.7833

184.4300,
182.3751, 203.6028

■ 16.4804, 15.0664,
17.3687

■ 16.4804, 15.0664,
17.3687

■ 14.9284, 12.6100,
14.8546

■ 18.2624, 17.9256,
20.1355

■ 13.5954, 10.5361,
12.5846

■ 20.2824, 21.2025,
23.1612

■ 12.4712, 8.8258,
10.5510

■ 22.5495, 24.9140,
26.4530

■ 11.5443, 7.4576,
8.7454

■ 25.0718, 29.0751,
30.0176

■ 10.8023, 6.4079,
7.1586

■ 27.8573, 33.7005,
33.8613

■ 10.2307, 5.6500,
5.7809

■ 30.9135, 38.8039,
37.9904

■ 9.8133, 5.1527,
4.6013

■ 34.2475, 44.3985,
42.4108

■ 9.5252, 4.8385,
3.6974

■ 37.8662, 50.4971,
47.1282

■ 41.7764, 57.1119,
52.1483

Harmonies

Analogous

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



16.0007, 15.0664, 20.4694



16.4804, 15.0664, 17.3687



16.3589, 15.0664, 14.3649

Triad

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



16.4804, 15.0664, 17.3687



13.5890, 15.0664, 11.4321



13.0442, 15.0664, 21.4914

Complementary

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



16.4804, 15.0664, 17.3687



16.2975, 19.4898, 19.7335

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.



12.4582, 15.0664, 18.6290



16.4804, 15.0664, 17.3687



12.7616, 15.0664, 12.9173

Square

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



16.4804, 15.0664, 17.3687



14.6529, 15.0664, 11.1843



12.3575, 15.0664, 15.4771



13.9925, 15.0664, 23.0395

Rectangle

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



16.4804, 15.0664, 17.3687



15.9558, 15.0664, 12.7960



12.3575, 15.0664, 15.4771



12.8003, 15.0664, 20.6352

Sweetspot

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



16.4808, 15.0671, 17.3690



33.8619, 34.3246, 38.0323



15.8531, 14.6312, 22.4109



7.8849, 7.9665, 8.8398



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.



16.4808, 15.0671, 17.3690



27.7424, 24.5026, 28.5416



16.1267, 15.2798, 14.4120



4.3947, 4.3710, 4.8831



9.4455, 4.7979, 3.6697



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.4808, 15.0671, 17.3690



27.7424, 24.5026, 28.5416



16.6925, 19.1835, 23.2453



4.3947, 4.3710, 4.8831



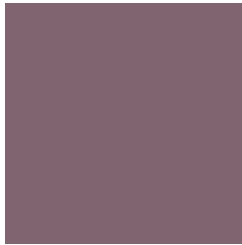
9.4455, 4.7979, 3.6697



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.4804, 15.0664, 17.3687 looks on a white background.

Color Contrast Check

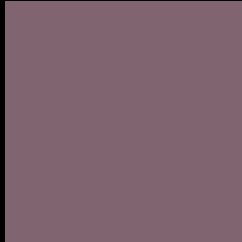
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4804, 15.0664, 17.3687 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 16.4804, 15.0664, 17.3687

Background



This preview shows how black text looks on a background with the XYZ color 16.4804, 15.0664, 17.3687.



This preview shows how white text looks on a background with the XYZ color 16.4804, 15.0664,

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

16.4804, 15.0664, 17.3687

Protanopia

14.6993, 15.1742, 18.6772

Deuteranopia

15.3920, 15.1024, 17.1427



Tritanopia

16.3161, 15.0007, 16.5035

Trichromacy



Original Color

16.4804, 15.0664, 17.3687

Protanomaly

15.2163, 14.9858, 18.3102

Deuteranomaly

15.8456, 15.1859, 17.1349

Tritanomaly

16.3702, 15.0223, 16.7886

Monochromacy



Original Color

16.4804, 15.0664, 17.3687

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.4631, 15.4450, 17.2051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4804, 15.0664, 17.3687 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, 101, 112)` looks like.

```
.text, #text, p{  
    color:rgb(128, 101, 112)  
}
```

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, 101, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 101, 112) }
```

Border

The CSS property to change the border of an element to XYZ 16.4804, 15.0664, 17.3687 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, 101, 112) }
```


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

```
.border{ border-color:rgb(128, 101, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 101, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 101, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 101, 112);  
box-shadow:4px 4px 4px 4px rgb(128, 101,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4804, 15.0664, 17.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 101, 112) }
```

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

```
.background{ background-color: rgb(128,  
101, 112) }
```

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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