

Converting Colors

XYZ(15.0324, 17.3433, 16.4658)

Have a look what the booklet for
XYZ(15.0324, 17.3433, 16.4658)
contains.

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Color

**XYZ(15.0792, 17.4375,
16.4809)**

Conversions

Conversions Part 1

Format	Color
Hex	68786B
RGB	104, 120, 107
RGB Percent	41%, 47%, 42%
CMY	0.5922, 0.5294, 0.5804
CMYK	0.13, 0.00, 0.11, 0.53
HSL	131°, 7%, 44%
HSV	131°, 13%, 47%
XYZ	15.0792, 17.4375, 16.4809
YIQ	113.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

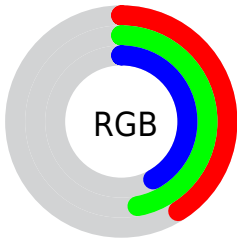
Format	Color
RYB	104, 117, 120
Decimal	6846571
CIELab	48.81, -8.66, 5.15
CIELCh	49, 10.077, 149.275
Yxy	17.4375, 0.3078, 0.3559
Android (android.graphics.Color)	4285036651 (0xFF68786B)
YUV	113.7340, -3.3199, -8.5367
Hunter-Lab	41.7582, -8.6193, 5.8305

Details

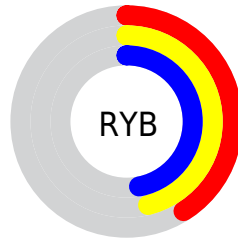
The XYZ color **15.0792, 17.4375, 16.4809** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9075, 15.1784, 18.9217**, and the grayscale version is **15.9257, 16.7551, 18.2463**.

A 20% lighter version of the original color is **34.4416, 38.9422, 38.0491**, and **4.8203, 5.8308, 5.1464** is the 20% darker color. If you saturate the color by 10%, you get **13.2998, 16.5767, 13.8692**, and if you desaturate by 10%, it is **17.1157, 18.4252, 19.4074**.

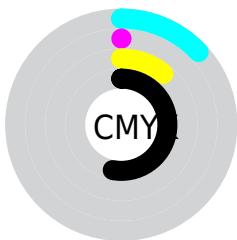
Distribution



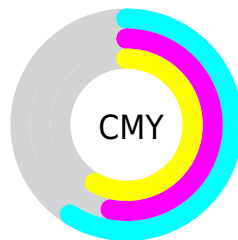
- Red (41%)
- Green (47%)
- Blue (42%)



- Red (41%)
- Yellow (46%)
- Blue (47%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (53%)



- Cyan (59%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0792, 17.4375, 16.4809 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 15.0792, 17.4375, 16.4809 by changing the saturation by 10% instead.

■ 15.0792, 17.4375,
16.4809

■ 15.0792, 17.4375,
16.4809

217.2240,
237.6811, 244.1048

■ 8.9617, 10.5469,
9.7071

■ 34.5626, 39.0765,
38.2094

■ 4.7731, 5.7631,
5.1021

■ 48.6591, 54.5936,
54.0012

■ 2.1481, 2.7015,
2.2475

■ 66.1461, 73.7551,
73.6360

■ 0.7152, 0.9780,
0.7016

■ 87.3887, 96.9453,
97.5324

■ 0.0000, 0.0000,
0.0000

112.7525,
124.5486, 126.1089

142.6027,

156.9494, 159.7841

177.3048,
194.5321, 198.9766

■ 15.0792, 17.4375,
16.4809

■ 15.0792, 17.4375,
16.4809

■ 13.2998, 16.5767,
13.8692

■ 17.1157, 18.4252,
19.4074

■ 11.7659, 15.8354,
11.5607

■ 19.4174, 19.5422,
22.6574

■ 10.4669, 15.2090,
9.5447

■ 21.9941, 20.7939,
26.2410

■ 9.3910, 14.6917,
7.8096

■ 24.8545, 22.1846,
30.1672

■ 8.5255, 14.2771,
6.3427

■ 28.0069, 23.7182,
34.4448

■ 7.8563, 13.9582,
5.1307

■ 31.4592, 25.3989,
39.0823

■ 7.3673, 13.7271,
4.1590

■ 35.2193, 27.2304,
44.0878

■ 7.0387, 13.5739,
3.4113

■ 39.2943, 29.2163,
49.4694

■ 6.8665, 13.4935,
3.0271

■ 43.6916, 31.3601,
55.2345

Harmonies

Analogous

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



15.7121, 17.4375, 14.8487



15.0792, 17.4375, 16.4809



14.8442, 17.4375, 18.9215

Triad

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



15.0792, 17.4375, 16.4809



16.5511, 17.4375, 24.6003



18.1882, 17.4375, 16.5836

Complementary

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



15.0792, 17.4375, 16.4809



15.9075, 15.1784, 18.9217

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.



18.4329, 17.4375, 19.0516



15.0792, 17.4375, 16.4809



17.4665, 17.4375, 23.8293

Square

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



15.0792, 17.4375, 16.4809



15.6742, 17.4375, 23.7537



18.1641, 17.4375, 21.7339



17.5073, 17.4375, 14.9040

Rectangle

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



15.0792, 17.4375, 16.4809



14.9376, 17.4375, 20.7332



18.1641, 17.4375, 21.7339



18.3253, 17.4375, 17.3407

Sweetspot

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



15.0797, 17.4382, 16.4813



29.8124, 32.2646, 33.7198



16.5609, 18.2198, 15.7408



7.0078, 7.6185, 7.9093



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.0797, 17.4382, 16.4813



25.5172, 30.1831, 27.5240



15.5166, 17.6130, 18.7820



3.9788, 4.4611, 4.4220



7.4863, 14.7182, 3.2795



35.4717, 70.1117, 14.3878

Inverse Universe

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



15.9075, 15.1784, 18.9217



27.2708, 25.3957, 32.6932



15.4605, 14.9996, 16.5676



4.1238, 4.0652, 4.8496



10.8249, 5.3061, 12.9005



51.3419, 25.1931, 59.9897

Previews

White Background



This preview shows how the XYZ color 15.0792, 17.4375, 16.4809 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 15.0792, 17.4375, 16.4809 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

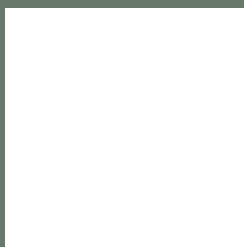
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0792, 17.4375, 16.4809

Background



This preview shows how black text looks on a background with the XYZ color 15.0792, 17.4375, 16.4809.

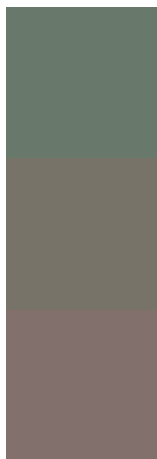


This preview shows how white text looks on a background with the XYZ color 15.0792, 17.4375,

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

15.0792, 17.4375, 16.4809

Protanopia

16.4263, 17.2745, 15.8331

Deuteranopia

17.7604, 17.4383, 16.8979



Tritanopia

16.1906, 17.3547, 22.2351

Trichromacy



Original Color

15.0792, 17.4375, 16.4809

Protanomaly

15.9022, 17.3406, 16.1446

Deuteranomaly

16.7227, 17.4091, 16.6663

Tritanomaly

15.7521, 17.3529, 19.9720

Monochromacy



Original Color

15.0792, 17.4375, 16.4809

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5450, 16.9535, 17.4920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0792, 17.4375, 16.4809 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(104, 120, 107)` looks like.

```
.text, #text, p{  
    color:rgb(104, 120, 107)  
}
```

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(104, 120, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 120, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.0792, 17.4375, 16.4809 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(104, 120, 107) }
```


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

```
.border{ border-color:rgb(104, 120, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 120, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 120, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 120, 107);  
box-shadow:4px 4px 4px 4px rgb(104, 120,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0792, 17.4375, 16.4809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 120, 107) }
```

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

```
.background{ background-color: rgb(104,  
120, 107) }
```

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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