

Converting Colors

XYZ(15.9041, 17.6200, 18.4610)

Have a look what the booklet for
XYZ(15.9041, 17.6200, 18.4610)
contains.

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Color

**XYZ(15.9408, 17.6598,
18.4881)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7772
RGB	109, 119, 114
RGB Percent	43%, 47%, 45%
CMY	0.5725, 0.5333, 0.5529
CMYK	0.08, 0.00, 0.04, 0.53
HSL	150°, 4%, 45%
HSV	150°, 8%, 47%
XYZ	15.9408, 17.6598, 18.4881
YIQ	115.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

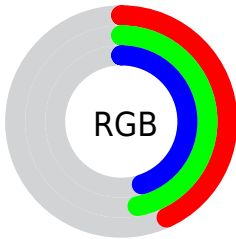
Format	Color
R_{YB}	109, 116, 119
Decimal	7174002
CIE Lab	49.08, -4.78, 1.46
CIE LCh	49, 5.002, 163.040
Yxy	17.6598, 0.3060, 0.3390
Android (android.graphics.Color)	4285364082 (0xFF6D7772)
YUV	115.4400, -0.7099, -5.6479
Hunter-Lab	42.0236, -5.8308, 3.3321

Details

The XYZ color **15.9408, 17.6598, 18.4881** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1143, 16.0746, 18.1739**, and the grayscale version is **16.4329, 17.2887, 18.8273**.

A 20% lighter version of the original color is **35.9430, 39.3526, 41.7778**, and **5.2232, 5.9240, 6.0224** is the 20% darker color. If you saturate the color by 10%, you get **14.2471, 16.8250, 16.6978**, and if you desaturate by 10%, it is **17.8558, 18.6071, 20.4046**.

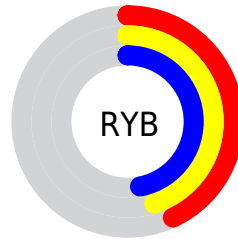
Distribution



Red (43%)

Green (47%)

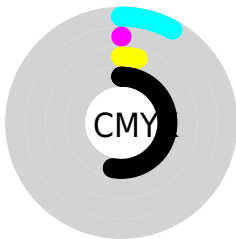
Blue (45%)



Red (43%)

Yellow (45%)

Blue (47%)

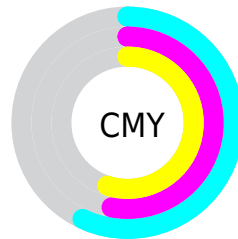


Cyan (8%)

Magenta (0%)

Yellow (4%)

Black (53%)



Cyan (57%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9408, 17.6598, 18.4881 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 15.9408, 17.6598, 18.4881 by changing the saturation by 10% instead.

■ 15.9408, 17.6598,
18.4881

■ 15.9408, 17.6598,
18.4881

222.2694,
238.9465, 255.9359

■ 9.5729, 10.7060,
11.1279

■ 36.0537, 39.4568,
41.6924

■ 5.1768, 5.8695,
6.0377

■ 50.5293, 55.0688,
58.3736

■ 2.3872, 2.7659,
2.7989

■ 68.4382, 74.3356,
78.9989

■ 0.8387, 1.0108,
0.9929

■ 90.1458, 97.6417,
103.9869

■ 0.0000, 0.0000,
0.0000

116.0173,
125.3714, 133.7560

146.4182,

157.9092, 168.7249

181.7138,
195.6394, 209.3120

■ 15.9408, 17.6598,
18.4881

■ 15.9408, 17.6598,
18.4881

■ 14.2471, 16.8250,
16.6978

■ 17.8558, 18.6071,
20.4046

■ 12.7649, 16.0963,
15.0300

■ 19.9984, 19.6686,
22.4485

■ 11.4857, 15.4698,
13.4823

■ 22.3767, 20.8490,
24.6228

■ 10.4001, 14.9407,
12.0521

■ 24.9978, 22.1519,
26.9297

■ 9.4978, 14.5037,
10.7365

■ 27.8684, 23.5807,
29.3715

■ 8.7675, 14.1531,
9.5325

■ 30.9952, 25.1387,
31.9504

■ 8.1964, 13.8824,
8.4369

■ 34.3843, 26.8293,
34.6686

■ 7.7701, 13.6841,
7.4464

■ 38.0420, 28.6554,
37.5281

■ 7.4482, 13.5375,
6.5563

■ 41.9741, 30.6200,
40.5312

Harmonies

Analogous

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



16.1797, 17.6598, 17.4096



15.9408, 17.6598, 18.4881



15.9254, 17.6598, 19.8146

Triad

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



15.9408, 17.6598, 18.4881



16.9885, 17.6598, 21.8442



17.4500, 17.6598, 17.5262

Complementary

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



15.9408, 17.6598, 18.4881



16.1143, 16.0746, 18.1739

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.



17.6752, 17.6598, 18.6541



15.9408, 17.6598, 18.4881



17.4054, 17.6598, 21.1699

Square

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



15.9408, 17.6598, 18.4881



16.5245, 17.6598, 21.7947



17.6587, 17.6598, 19.9884



17.0484, 17.6598, 16.8722

Rectangle

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



15.9408, 17.6598, 18.4881



16.0436, 17.6598, 20.6650



17.6587, 17.6598, 19.9884



17.5491, 17.6598, 17.8602

Sweetspot

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



15.9413, 17.6606, 18.4885



30.3216, 32.5014, 34.9060



16.3189, 17.8872, 17.0608



7.1274, 7.6736, 8.2137



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.



15.9413, 17.6606, 18.4885



27.9546, 31.3321, 32.4963



16.2239, 17.7736, 19.9768



3.7099, 4.1259, 4.3060



7.8561, 14.3564, 6.7983



37.8513, 69.7878, 30.8515

Inverse Universe

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



16.1143, 16.0746, 18.1739



28.3282, 27.9088, 31.8172



15.8463, 15.9674, 16.7622



3.7532, 3.7286, 4.2272



8.9309, 4.5061, 4.8441



43.0888, 21.7856, 21.3285

Previews

White Background



This preview shows how the XYZ color 15.9408, 17.6598, 18.4881 looks on a white background.

Color Contrast Check

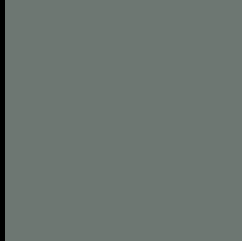
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9408, 17.6598, 18.4881 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

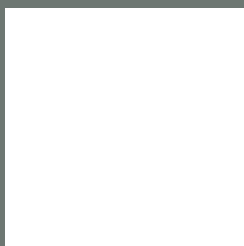
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9408, 17.6598, 18.4881

Background



This preview shows how black text looks on a background with the XYZ color 15.9408, 17.6598, 18.4881.

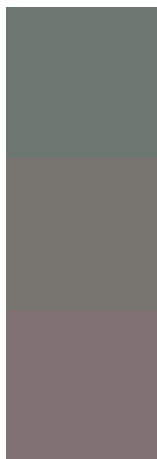


This preview shows how white text looks on a background with the XYZ color 15.9408, 17.6598,

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

15.9408, 17.6598, 18.4881

Protanopia

16.9158, 17.6537, 17.8452

Deuteranopia

17.9017, 17.6373, 18.6805



Tritanopia

16.6827, 17.6084, 22.2582

Trichromacy



Original Color

15.9408, 17.6598, 18.4881

Protanomaly

16.5444, 17.6278, 18.1533

Deuteranomaly

17.1104, 17.5642, 18.7081

Tritanomaly

16.4217, 17.6770, 20.9588

Monochromacy



Original Color

15.9408, 17.6598, 18.4881

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.1500, 17.2393, 18.6960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9408, 17.6598, 18.4881 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(109, 119, 114) looks like.

```
.text, #text, p{  
    color:rgb(109, 119, 114)  
}
```

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(109, 119, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 119, 114) }
```

Border

The CSS property to change the border of an element to XYZ 15.9408, 17.6598, 18.4881 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(109, 119, 114) }
```


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

```
.border{ border-color:rgb(109, 119, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 119, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 119, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 119, 114);  
box-shadow:4px 4px 4px 4px rgb(109, 119,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9408, 17.6598, 18.4881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 119, 114) }
```

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

```
.background{ background-color: rgb(109,  
119, 114) }
```

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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