

Converting Colors

XYZ(15.8568, 17.4334, 18.8051)

Have a look what the booklet for
XYZ(15.8568, 17.4334, 18.8051)
contains.

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Color

**XYZ(15.8796, 17.4459,
18.7501)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7673
RGB	109, 118, 115
RGB Percent	43%, 46%, 45%
CMY	0.5725, 0.5372, 0.5490
CMYK	0.08, 0.00, 0.03, 0.54
HSL	160°, 4%, 45%
HSV	160°, 8%, 46%
XYZ	15.8796, 17.4459, 18.7501
YIQ	114.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

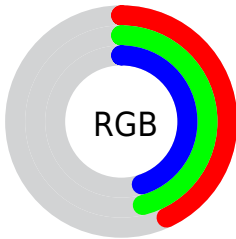
Format	Color
R_{YB}	109, 114, 118
Decimal	7173747
CIE Lab	48.82, -4.00, 0.48
CIE LCh	49, 4.030, 173.108
Yxy	17.4459, 0.3049, 0.3350
Android (android.graphics.Color)	4285363827 (0xFF6D7673)
YUV	114.9670, 0.0163, -5.2331
Hunter-Lab	41.7683, -5.2318, 2.6221

Details

The XYZ color **15.8796, 17.4459, 18.7501** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8651, 15.9591, 17.5743**, and the grayscale version is **16.2870, 17.1352, 18.6602**.

A 20% lighter version of the original color is **35.8470, 39.0131, 42.2002**, and **5.1899, 5.8097, 6.1580** is the 20% darker color. If you saturate the color by 10%, you get **14.3028, 16.6591, 17.5196**, and if you desaturate by 10%, it is **17.6620, 18.3385, 20.0414**.

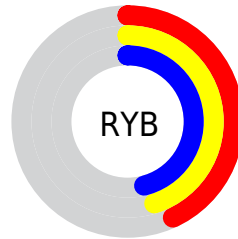
Distribution



Red (43%)

Green (46%)

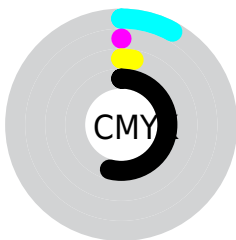
Blue (45%)



Red (43%)

Yellow (45%)

Blue (46%)

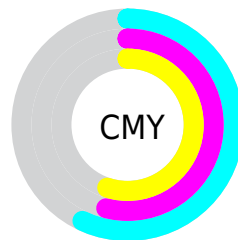


Cyan (8%)

Magenta (0%)

Yellow (3%)

Black (54%)



Cyan (57%)

Magenta (54%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8796, 17.4459, 18.7501 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 15.8796, 17.4459, 18.7501 by changing the saturation by 10% instead.

■ 15.8796, 17.4459,
18.7501

■ 15.8796, 17.4459,
18.7501

221.9146,
237.7290, 257.4423

■ 9.5293, 10.5529,
11.3149

■ 35.9482, 39.0909,
42.1425

■ 5.1479, 5.7671,
6.1622

■ 50.3972, 54.6116,
58.9367

■ 2.3699, 2.7040,
2.8736

■ 68.2765, 73.7771,
79.6876

■ 0.8301, 0.9792,
1.0305

■ 89.9514, 96.9717,
104.8138

■ 0.0000, 0.0000,
0.0000

115.7873,
124.5798, 134.7339

146.1496,

156.9858, 169.8662

181.4036,
194.5741, 210.6295

■ 15.8796, 17.4459,
18.7501

■ 15.8796, 17.4459,
18.7501

■ 14.3028, 16.6591,
17.5196

■ 17.6620, 18.3385,
20.0414

■ 12.9222, 15.9719,
16.3478

■ 19.6559, 19.3385,
21.3934

■ 11.7301, 15.3808,
15.2340

■ 21.8688, 20.4503,
22.8073

■ 10.7174, 14.8811,
14.1772

■ 24.3074, 21.6773,
24.2840

■ 9.8745, 14.4678,
13.1762

■ 26.9781, 23.0228,
25.8244

■ 9.1907, 14.1355,
12.2300

■ 29.8871, 24.4899,
27.4295

■ 8.6540, 13.8780,
11.3372

■ 33.0402, 26.0817,
29.0999

■ 8.2508, 13.6884,
10.4964

■ 36.4432, 27.8011,
30.8366

■ 7.9465, 13.5487,
9.7055

■ 40.1015, 29.6509,
32.6403

Harmonies

Analogous

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



16.0145, 17.4459, 17.7885



15.8796, 17.4459, 18.7501



15.9306, 17.4459, 19.8136

Triad

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



15.8796, 17.4459, 18.7501



16.8650, 17.4459, 20.9491



17.0163, 17.4459, 17.3990

Complementary

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



15.8796, 17.4459, 18.7501



15.8651, 15.9591, 17.5743

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.



17.2506, 17.4459, 18.2005



15.8796, 17.4459, 18.7501



17.1623, 17.4459, 20.2561

Square

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



15.8796, 17.4459, 18.7501



16.4959, 17.4459, 21.1097



17.3044, 17.4459, 19.2433



16.6681, 17.4459, 17.0276

Rectangle

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



15.8796, 17.4459, 18.7501



16.0635, 17.4459, 20.4348



17.3044, 17.4459, 19.2433



17.1112, 17.4459, 17.6256

Sweetspot

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



15.8801, 17.4466, 18.7505



29.6237, 31.5271, 34.2210



15.9405, 17.5164, 17.0090



6.8225, 7.2544, 7.8763



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.8801, 17.4466, 18.7505



27.4548, 30.4423, 32.6155



15.8978, 17.2011, 19.6227



3.7339, 4.1355, 4.4324



8.5159, 14.6204, 10.2727



41.0893, 71.0830, 47.9027

Inverse Universe

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



15.8651, 15.9591, 17.5743



27.4233, 27.3124, 30.1407



15.8458, 16.1836, 16.7568



3.7297, 3.7192, 4.1032



8.4799, 4.3257, 2.4692



40.9629, 20.9353, 10.1338

Previews

White Background



This preview shows how the XYZ color 15.8796, 17.4459, 18.7501 looks on a white background.

Color Contrast Check

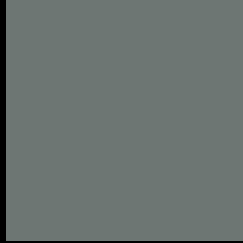
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8796, 17.4459, 18.7501 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

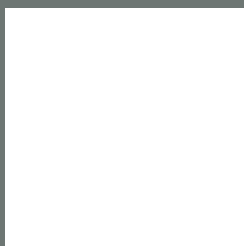
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8796, 17.4459, 18.7501

Background



This preview shows how black text looks on a background with the XYZ color 15.8796, 17.4459, 18.7501.



This preview shows how white text looks on a background with the XYZ color 15.8796, 17.4459,

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

15.8796, 17.4459, 18.7501

Protanopia

16.5826, 17.3053, 18.0890

Deuteranopia

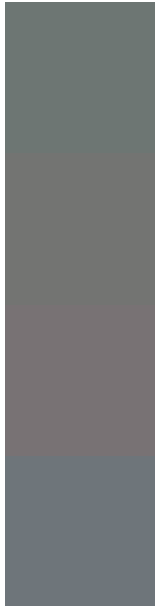
17.6990, 17.3613, 18.9412



Tritanopia

16.5668, 17.3766, 22.2195

Trichromacy



Original Color

15.8796, 17.4459, 18.7501

Protanomaly

16.3529, 17.3505, 18.4067

Deuteranomaly

16.9154, 17.2887, 18.9685

Tritanomaly

16.3045, 17.4427, 20.9198

Monochromacy



Original Color

15.8796, 17.4459, 18.7501

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 15.8796, 17.4459, 18.7501 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, 118, 115)` looks like.

```
.text, #text, p{  
    color:rgb(109, 118, 115)  
}
```

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, 118, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 118, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.8796, 17.4459, 18.7501 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, 118, 115) }
```


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

```
.border{ border-color:rgb(109, 118, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 118, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 118, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 118, 115);  
box-shadow:4px 4px 4px 4px rgb(109, 118,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8796, 17.4459, 18.7501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 118, 115) }
```

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

```
.background{ background-color: rgb(109,  
118, 115) }
```

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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