

Converting Colors

XYZ(17.4976, 19.1889, 19.1768)

Have a look what the booklet for
XYZ(17.4976, 19.1889, 19.1768)
contains.

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Color

**XYZ(17.5715, 19.2088,
19.3045)**

Conversions

Conversions Part 1

Format	Color
Hex	757B74
RGB	117, 123, 116
RGB Percent	46%, 48%, 45%
CMY	0.5412, 0.5176, 0.5451
CMYK	0.05, 0.00, 0.06, 0.52
HSL	111°, 3%, 47%
HSV	111°, 6%, 48%
XYZ	17.5715, 19.2088, 19.3045
YIQ	120.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

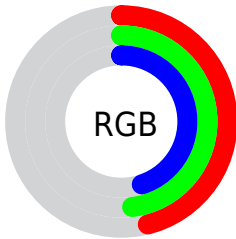
Format	Color
R_{YB}	116, 123, 122
Decimal	7699316
CIE Lab	50.93, -3.66, 3.04
CIE LCh	51, 4.758, 140.263
Yxy	19.2088, 0.3133, 0.3425
Android (android.graphics.Color)	4285889396 (0xFF757B74)
YUV	120.4080, -2.1731, -2.9888
Hunter-Lab	43.8278, -5.1343, 4.5645

Details

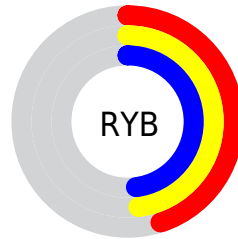
The XYZ color **17.5715, 19.2088, 19.3045** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8472, 18.0589, 21.2849**, and the grayscale version is **17.9908, 18.9278, 20.6123**.

A 20% lighter version of the original color is **38.7600, 41.9221, 43.0947**, and **5.9464, 6.5801, 6.4255** is the 20% darker color. If you saturate the color by 10%, you get **15.5653, 18.2524, 15.7198**, and if you desaturate by 10%, it is **19.8331, 20.2870, 23.3966**.

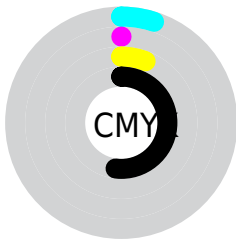
Distribution



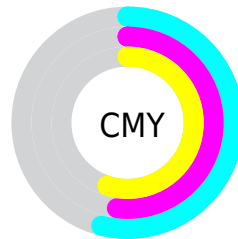
- Red (46%)
- Green (48%)
- Blue (45%)



- Red (45%)
- Yellow (48%)
- Blue (48%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (52%)



- Cyan (54%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5715, 19.2088, 19.3045 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 17.5715, 19.2088, 19.3045 by changing the saturation by 10% instead.

■ 17.5715, 19.2088,
19.3045

■ 17.5715, 19.2088,
19.3045

231.5372,
247.5990, 260.6032

■ 10.7406, 11.8212,
11.7115

■ 38.8416, 42.0866,
43.0915

■ 5.9587, 6.6221,
6.4274

■ 54.0116, 58.3457,
60.1226

■ 2.8604, 3.2269,
3.0337

■ 72.6920, 78.3307,
81.1368

■ 1.0804, 1.2513,
1.1119

95.2481, 102.4261,
106.5526

■ 0.0086, 0.1030,
0.0000

122.0453,
131.0162, 136.7886

■ 0.0000, 0.0000,
0.0000

153.4490,

164.4855, 172.2634

189.8245,
203.2183, 213.3954

■ 17.5715, 19.2088,
19.3045

■ 17.5715, 19.2088,
19.3045

■ 15.5653, 18.2524,
15.7198

■ 19.8331, 20.2870,
23.3966

■ 13.8039, 17.4111,
12.6214

■ 22.3571, 21.4886,
28.0134

■ 12.2784, 16.6814,
9.9889

■ 25.1521, 22.8182,
33.1731

■ 10.9787, 16.0585,
7.7997

■ 28.2258, 24.2793,
38.8925

■ 9.8940, 15.5373,
6.0294

■ 31.5856, 25.8755,
45.1877

■ 9.0124, 15.1124,
4.6512

■ 35.2389, 27.6102,
52.0742

■ 8.3210, 14.7778,
3.6354

■ 39.1924, 29.4866,
59.5668

■ 7.8055, 14.5267,
2.9477

■ 43.4529, 31.5078,
67.6800

■ 7.4457, 14.3501,
2.5296

■ 48.0269, 33.6769,
76.4277

Harmonies

Analogous

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



17.9463, 19.2088, 18.5808



17.5715, 19.2088, 19.3045



17.3815, 19.2088, 20.4806

Triad

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



17.5715, 19.2088, 19.3045



18.1050, 19.2088, 23.5700



19.1180, 19.2088, 20.0318

Complementary

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



17.5715, 19.2088, 19.3045



17.8472, 18.0589, 21.2849

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.



19.1623, 19.2088, 21.3557



17.5715, 19.2088, 19.3045



18.5720, 19.2088, 23.4372

Square

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



17.5715, 19.2088, 19.3045



17.6860, 19.2088, 22.9683



18.9609, 19.2088, 22.6129



18.8410, 19.2088, 18.9881

Rectangle

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



17.5715, 19.2088, 19.3045



17.3828, 19.2088, 21.3795



18.9609, 19.2088, 22.6129



19.1608, 19.2088, 20.4575

Sweetspot

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



17.5720, 19.2096, 19.3049



32.8871, 35.0754, 37.1311



18.2750, 19.3796, 19.3007



7.7593, 8.2674, 8.7700



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.5720, 19.2096, 19.3049



30.9055, 34.1308, 33.5624



17.5828, 19.1985, 20.0595



4.0882, 4.5173, 4.4369



7.5740, 14.7817, 2.4540



35.6817, 70.2800, 11.6848

Inverse Universe

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



17.8472, 18.0589, 21.2849



31.5204, 31.5594, 37.9869



17.8381, 18.0717, 20.4935



4.1705, 4.1733, 5.0289



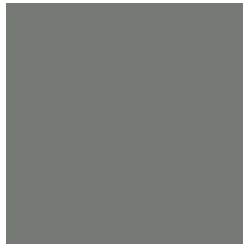
9.7738, 4.6114, 19.7602



46.0748, 21.7144, 94.2327

Previews

White Background



This preview shows how the XYZ color 17.5715, 19.2088, 19.3045 looks on a white background.

Color Contrast Check

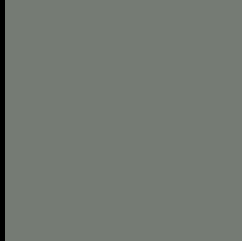
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.5715, 19.2088, 19.3045 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

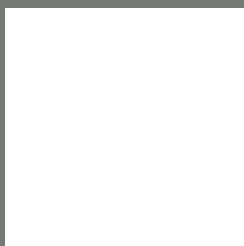
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5715, 19.2088, 19.3045

Background



This preview shows how black text looks on a background with the XYZ color 17.5715, 19.2088, 19.3045.

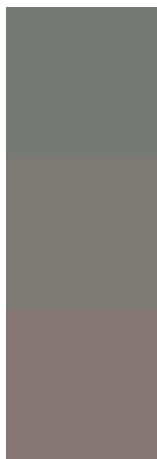


This preview shows how white text looks on a background with the XYZ color 17.5715, 19.2088,

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

17.5715, 19.2088, 19.3045

Protanopia

18.3893, 19.2725, 18.9704

Deuteranopia

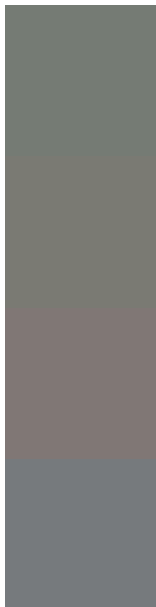
19.4037, 19.0753, 19.4888



Tritanopia

18.4744, 19.2084, 23.8530

Trichromacy



Original Color

17.5715, 19.2088, 19.3045

Protanomaly

18.0801, 19.2944, 18.9909

Deuteranomaly

18.7098, 19.0672, 19.5238

Tritanomaly

18.1324, 19.2513, 22.1622

Monochromacy



Original Color

17.5715, 19.2088, 19.3045

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.7749, 18.9286, 20.1695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5715, 19.2088, 19.3045 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(117, 123, 116)` looks like.

```
.text, #text, p{  
    color:rgb(117, 123, 116)  
}
```

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(117, 123, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 123, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.5715, 19.2088, 19.3045 is called "border". The border property can be set on classes, ids or directly on the HTML element.

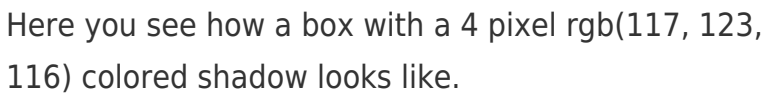
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 123, 116) }
```


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

```
.border{ border-color:rgb(117, 123, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 123, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 123, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 123, 116); box-shadow:4px 4px 4px 4px rgb(117, 123, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5715, 19.2088, 19.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 123, 116) }
```

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

```
.background{ background-color: rgb(117,  
123, 116) }
```

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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