

Converting Colors

XYZ(16.5818, 19.4323, 10.1162)

Have a look what the booklet for
XYZ(16.5818, 19.4323, 10.1162)
contains.

XYZ(16.5817, 19.4648, 10.0909)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.5817, 19.4648,
10.0909)**

Conversions

Conversions Part 1

Format	Color
Hex	787E4E
RGB	120, 126, 78
RGB Percent	47%, 49%, 31%
CMY	0.5294, 0.5059, 0.6941
CMYK	0.05, 0.00, 0.38, 0.51
HSL	68°, 24%, 40%
HSV	68°, 38%, 49%
XYZ	16.5817, 19.4648, 10.0909
YIQ	118.7340, 11.8320, -16.2000

Conversions

Conversions Part 2

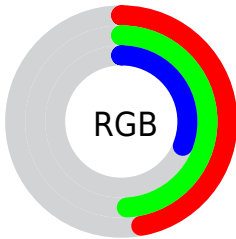
Format	Color
RYB	78, 126, 84
Decimal	7896654
CIELab	51.23, -10.39, 25.40
CIElCh	51, 27.442, 112.241
Yxy	19.4648, 0.3594, 0.4219
Android (android.graphics.Color)	4286086734 (0xFF787E4E)
YUV	118.7340, -20.0819, 1.1103
Hunter-Lab	44.1189, -10.1205, 17.3224

Details

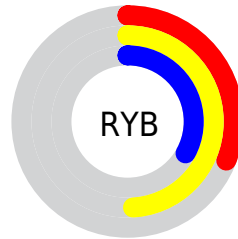
The XYZ color **16.5817, 19.4648, 10.0909** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.1472, 8.8405, 20.9113**, and the grayscale version is **17.5097, 18.4216, 20.0611**.

A 20% lighter version of the original color is **37.2500, 42.6829, 26.6974**, and **5.4404, 6.7141, 2.3757** is the 20% darker color. If you saturate the color by 10%, you get **15.9560, 19.1902, 7.9253**, and if you desaturate by 10%, it is **17.2986, 19.7777, 12.7135**.

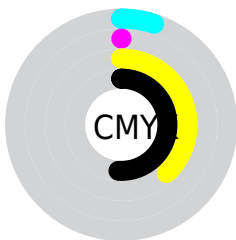
Distribution



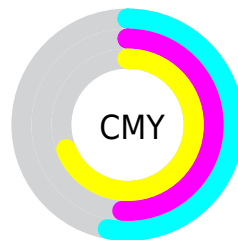
- Red (47%)
- Green (49%)
- Blue (31%)



- Red (31%)
- Yellow (49%)
- Blue (33%)



- Cyan (5%)
- Magenta (0%)
- Yellow (38%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5817, 19.4648, 10.0909 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 16.5817, 19.4648, 10.0909 by changing the saturation by 10% instead.

■ 16.5817, 19.4648,
10.0909

■ 16.5817, 19.4648,
10.0909

225.9537,
249.0028, 201.8279

■ 10.0302, 12.0066,
5.3529

■ 37.1545, 42.5180,
26.5768

■ 5.4814, 6.7482,
2.3934

■ 51.9065, 58.8819,
39.1618

■ 2.5700, 3.3051,
0.7829

■ 70.1226, 78.9831,
55.1995

■ 0.9307, 1.2930,
0.0000

■ 92.1683, 103.2060,
75.1085

■ 0.0000, 0.1358,
0.0000

■ 118.4090,
131.9350, 99.3073

■ 0.0000, 0.0000,
0.0000

149.2098,

165.5546, 128.2144

184.9363,
204.4490, 162.2485

■ 16.5817, 19.4648,
10.0909

■ 16.5817, 19.4648,
10.0909

■ 15.9560, 19.1902,
7.9253

■ 17.2986, 19.7777,
12.7135

■ 15.4150, 18.9491,
6.1893

■ 18.1097, 20.1280,
15.8159

■ 14.9538, 18.7404,
4.8545

■ 19.0199, 20.5184,
19.4208

■ 14.5661, 18.5616,
3.8887

■ 20.0331, 20.9504,
23.5494

■ 14.2449, 18.4097,
3.2546

■ 21.1531, 21.4255,
28.2212

■ 13.9728, 18.2778,
2.8604

■ 22.3836, 21.9453,
33.4551

■ 13.9222, 18.2532,
2.7895

■ 23.7278, 22.5110,
39.2690

■ 25.1890, 23.1239,
45.6798

■ 26.7705, 23.7853,
52.7040

Harmonies

Analogous

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



19.2194, 19.4648, 9.5038



16.5817, 19.4648, 10.0909



14.6486, 19.4648, 13.2479

Triad

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



16.5817, 19.4648, 10.0909



15.4652, 19.4648, 35.4614



24.2127, 19.4648, 23.2918

Complementary

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



16.5817, 19.4648, 10.0909



10.1472, 8.8405, 20.9113

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.



22.9751, 19.4648, 31.8125



16.5817, 19.4648, 10.0909



17.8001, 19.4648, 39.8818

Square

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



16.5817, 19.4648, 10.0909



14.0496, 19.4648, 27.4174



20.5623, 19.4648, 38.4035



23.8047, 19.4648, 15.9915

Rectangle

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



16.5817, 19.4648, 10.0909



13.9329, 19.4648, 16.9260



20.5623, 19.4648, 38.4035



23.9714, 19.4648, 26.1248

Sweetspot

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



16.5822, 19.4657, 10.0913



32.9516, 35.8898, 32.0791



13.1194, 11.2650, 8.6909



7.4557, 8.1467, 7.1394



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.



16.5822, 19.4657, 10.0913



28.1900, 33.8237, 14.3032



13.7028, 17.9813, 9.9566



4.6141, 4.9930, 4.6407



14.2796, 18.7238, 2.8614



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.1472, 8.8405, 20.9113



15.1141, 12.2219, 36.3068



12.6267, 10.1187, 21.0274



4.1550, 4.2355, 5.4118



4.0762, 1.6551, 20.3546



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5817, 19.4648, 10.0909 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 16.5817, 19.4648, 10.0909 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 16.5817, 19.4648, 10.0909

Background



This preview shows how black text looks on a background with the XYZ color 16.5817, 19.4648, 10.0909.



This preview shows how white text looks on a background with the XYZ color 16.5817, 19.4648,

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

16.5817, 19.4648, 10.0909

Protanopia

17.9369, 19.4274, 9.6420

Deuteranopia

19.6633, 19.4128, 10.3001



Tritanopia

19.2831, 19.4535, 23.5075

Trichromacy



Original Color

16.5817, 19.4648, 10.0909

Protanomaly

17.3246, 19.2909, 9.8316

Deuteranomaly

18.4443, 19.3158, 10.1533

Tritanomaly

18.0862, 19.3299, 17.5297

Monochromacy



Original Color

16.5817, 19.4648, 10.0909

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.0660, 18.8405, 15.8338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5817, 19.4648, 10.0909 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(120, 126, 78)` looks like.

```
.text, #text, p{  
    color:rgb(120, 126, 78)  
}
```

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(120, 126, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 126, 78) }
```

Border

The CSS property to change the border of an element to XYZ 16.5817, 19.4648, 10.0909 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(120, 126, 78) }
```


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

```
.border{ border-color:rgb(120, 126, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 126, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 126, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 126, 78);  
box-shadow:4px 4px 4px 4px rgb(120, 126,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5817, 19.4648, 10.0909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 126, 78) }
```

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

```
.background{ background-color: rgb(120,  
126, 78) }
```

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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