

Converting Colors

XYZ(15.7729, 17.5608, 19.0590)

Have a look what the booklet for
XYZ(15.7729, 17.5608, 19.0590)
contains.

XYZ(15.8126, 17.5804, 19.0829)	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(15.8126, 17.5804,
19.0829)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7774
RGB	107, 119, 116
RGB Percent	42%, 47%, 45%
CMY	0.5804, 0.5333, 0.5451
CMYK	0.10, 0.00, 0.03, 0.53
HSL	165°, 5%, 44%
HSV	165°, 10%, 47%
XYZ	15.8126, 17.5804, 19.0829
YIQ	115.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

Format	Color
R_{YB}	107, 114, 119
Decimal	7042932
CIE Lab	48.98, -5.10, 0.12
CIE LCh	49, 5.106, 178.703
Yxy	17.5804, 0.3013, 0.3350
Android (android.graphics.Color)	4285233012 (0xFF6B7774)
YUV	115.0700, 0.4585, -7.0774
Hunter-Lab	41.9290, -6.0584, 2.3660

Details

The XYZ color **15.8126, 17.5804, 19.0829** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6806, 15.5636, 16.9303**, and the grayscale version is **16.3173, 17.1671, 18.6949**.

A 20% lighter version of the original color is **35.7313, 39.2221, 42.7332**, and **5.1601, 5.8845, 6.3327** is the 20% darker color. If you saturate the color by 10%, you get **14.3089, 16.8254, 18.1234**, and if you desaturate by 10%, it is **17.5198, 18.4406, 20.0816**.

Distribution



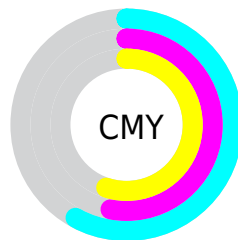
- Red (42%)
- Green (47%)
- Blue (45%)



- Red (42%)
- Yellow (45%)
- Blue (47%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8126, 17.5804, 19.0829 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 15.8126, 17.5804, 19.0829 by changing the saturation by 10% instead.

■ 15.8126, 17.5804,
19.0829

■ 15.8126, 17.5804,
19.0829

221.5256,
238.4952, 259.3440

■ 9.4816, 10.6492,
11.5528

■ 35.8326, 39.3210,
42.7127

■ 5.1163, 5.8314,
6.3211

■ 50.2524, 54.8992,
59.6495

■ 2.3511, 2.7429,
2.9694

■ 68.0992, 74.1285,
80.5588

■ 0.8206, 0.9990,
1.0790

■ 89.7384, 97.3933,
105.8594

■ 0.0000, 0.0000,
0.0000

115.5352,
125.0779, 135.9696

145.8551,

157.5669, 171.3081

181.0635,
195.2445, 212.2934

■ 15.8126, 17.5804,
19.0829

■ 15.8126, 17.5804,
19.0829

■ 14.3089, 16.8254,
18.1234

■ 17.5198, 18.4406,
20.0816

■ 12.9992, 16.1693,
17.2013

■ 19.4365, 19.4078,
21.1191

■ 11.8753, 15.6083,
16.3163

■ 21.5705, 20.4863,
22.1961

■ 10.9281, 15.1378,
15.4678

■ 23.9286, 21.6796,
23.3135

■ 10.1473, 14.7525,
14.6549

■ 26.5174, 22.9912,
24.4716

■ 9.5221, 14.4467,
13.8769

■ 29.3431, 24.4243,
25.6711

■ 9.0398, 14.2141,
13.1329

■ 32.4118, 25.9820,
26.9124

■ 8.6860, 14.0470,
12.4219

■ 35.7292, 27.6672,
28.1961

■ 8.4103, 13.9196,
11.7469

■ 39.3009, 29.4828,
29.5227

Harmonies

Analogous

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



15.9409, 17.5804, 17.8145



15.8126, 17.5804, 19.0829



15.9209, 17.5804, 20.4267

Triad

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



15.8126, 17.5804, 19.0829



17.1524, 17.5804, 21.5306



17.1889, 17.5804, 16.9917

Complementary

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



15.8126, 17.5804, 19.0829



15.6806, 15.5636, 16.9303

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.



17.5241, 17.5804, 17.9124



15.8126, 17.5804, 19.0829



17.5027, 17.5804, 20.5340

Square

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



15.8126, 17.5804, 19.0829



16.6890, 17.5804, 21.8795



17.6400, 17.5804, 19.2014



16.7303, 17.5804, 16.6430

Rectangle

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



15.8126, 17.5804, 19.0829



16.1138, 17.5804, 21.1764



17.6400, 17.5804, 19.2014



17.3200, 17.5804, 17.2424

Sweetspot

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



15.8131, 17.5811, 19.0833



30.4187, 32.5402, 35.4169



15.7065, 17.5838, 16.4764



7.1556, 7.6849, 8.3627



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.



15.8131, 17.5811, 19.0833



27.6869, 31.1653, 33.7838



15.6622, 16.9953, 19.9086



3.7460, 4.1404, 4.4966



8.9311, 14.7864, 12.4592



43.1663, 71.9138, 58.8401

Inverse Universe

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



15.6806, 15.5636, 16.9303



27.4015, 26.8211, 29.1483



15.8165, 16.0927, 16.1827



3.7181, 3.7145, 4.0421



8.3251, 4.2638, 1.6541



40.2720, 20.6589, 6.4958

Previews

White Background



This preview shows how the XYZ color 15.8126, 17.5804, 19.0829 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 15.8126, 17.5804, 19.0829 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

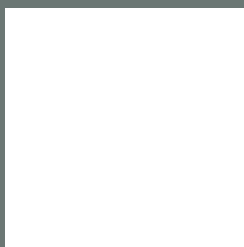
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8126, 17.5804, 19.0829

Background



This preview shows how black text looks on a background with the XYZ color 15.8126, 17.5804, 19.0829.



This preview shows how white text looks on a background with the XYZ color 15.8126, 17.5804,

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

15.8126, 17.5804, 19.0829

Protanopia

16.8904, 17.6276, 18.4318

Deuteranopia

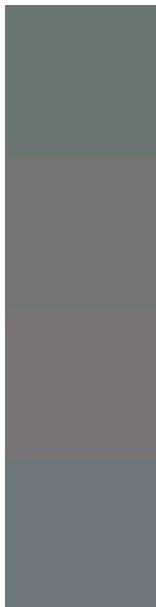
17.8684, 17.6066, 19.2863



Tritanopia

16.4987, 17.5061, 22.5881

Trichromacy



Original Color

15.8126, 17.5804, 19.0829

Protanomaly

16.5260, 17.6052, 18.7468

Deuteranomaly

17.0873, 17.5389, 19.3144

Tritanomaly

16.2379, 17.5751, 21.2754

Monochromacy



Original Color

15.8126, 17.5804, 19.0829

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.0220, 17.1733, 18.6900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8126, 17.5804, 19.0829 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(107, 119, 116)` looks like.

```
.text, #text, p{  
    color:rgb(107, 119, 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(107, 119, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 119, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.8126, 17.5804, 19.0829 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(107, 119, 116) }
```


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

```
.border{ border-color:rgb(107, 119, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 119, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 119, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 119, 116);  
box-shadow:4px 4px 4px 4px rgb(107, 119,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8126, 17.5804, 19.0829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 119, 116) }
```

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

```
.background{ background-color: rgb(107,  
119, 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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