

Converting Colors

XYZ(15.9087, 17.6316, 18.0492)

Have a look what the booklet for
XYZ(15.9087, 17.6316, 18.0492)
contains.

XYZ(16.0079, 17.7009, 18.1957)	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(16.0079, 17.7009,
18.1957)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7771
RGB	110, 119, 113
RGB Percent	43%, 47%, 44%
CMY	0.5686, 0.5333, 0.5569
CMYK	0.08, 0.00, 0.05, 0.53
HSL	140°, 4%, 45%
HSV	140°, 8%, 47%
XYZ	16.0079, 17.7009, 18.1957
YIQ	115.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

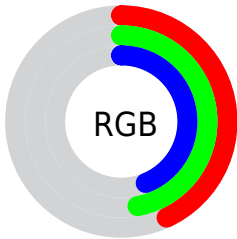
Format	Color
R_{YB}	110, 117, 119
Decimal	7239537
CIE _{Lab}	49.13, -4.62, 2.13
CIE _{LCh}	49, 5.085, 155.197
Yxy	17.7009, 0.3084, 0.3410
Android (android.graphics.Color)	4285429617 (0xFF6E7771)
YUV	115.6250, -1.2941, -4.9331
Hunter-Lab	42.0724, -5.7103, 3.8087

Details

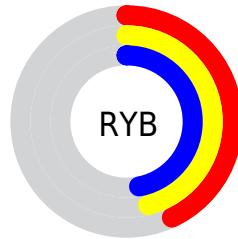
The XYZ color **16.0079, 17.7009, 18.1957** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3367, 16.3353, 18.8159**, and the grayscale version is **16.4908, 17.3496, 18.8937**.

A 20% lighter version of the original color is **36.2547, 39.5238, 41.3153**, and **5.1940, 5.9123, 5.8685** is the 20% darker color. If you saturate the color by 10%, you get **14.1983, 16.8179, 15.8804**, and if you desaturate by 10%, it is **18.0565, 18.7036, 20.7269**.

Distribution



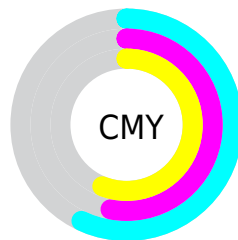
- Red (43%)
- Green (47%)
- Blue (44%)



- Red (43%)
- Yellow (46%)
- Blue (47%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0079, 17.7009, 18.1957 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 16.0079, 17.7009, 18.1957 by changing the saturation by 10% instead.

■ 16.0079, 17.7009,
18.1957

■ 16.0079, 17.7009,
18.1957

222.6578,
239.1797, 254.2449

■ 9.6206, 10.7355,
10.9197

■ 36.1693, 39.5270,
41.1889

■ 5.2085, 5.8892,
5.8994

■ 50.6740, 55.1565,
57.7433

■ 2.4061, 2.7779,
2.7162

■ 68.6154, 74.4427,
78.2274

■ 0.8482, 1.0169,
0.9516

■ 90.3586, 97.7702,
103.0600

■ 0.0000, 0.0000,
0.0000

116.2691,
125.5232, 132.6594

146.7123,

158.0862, 167.4444

182.0534,
195.8436, 207.8334

■ 16.0079, 17.7009,
18.1957

■ 16.0079, 17.7009,
18.1957

■ 14.1983, 16.8179,
15.8804

■ 18.0565, 18.7036,
20.7269

■ 12.6172, 16.0478,
13.7741

■ 20.3509, 19.8279,
23.4782

■ 11.2558, 15.3867,
11.8714

■ 22.8996, 21.0786,
26.4551

■ 10.1040, 14.8295,
10.1662

■ 25.7103, 22.4594,
29.6627

■ 9.1508, 14.3706,
8.6521

■ 28.7902, 23.9742,
33.1059

■ 8.3844, 14.0041,
7.3222

■ 32.1463, 25.6262,
36.7894

■ 7.7913, 13.7233,
6.1694

■ 35.7854, 27.4191,
40.7177

■ 7.3564, 13.5204,
5.1861

■ 39.7139, 29.3559,
44.8954

■ 7.0441, 13.3773,
4.3630

■ 43.9382, 31.4399,
49.3267

Harmonies

Analogous

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



16.3027, 17.7009, 17.2120



16.0079, 17.7009, 18.1957



15.9301, 17.7009, 19.5114

Triad

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



16.0079, 17.7009, 18.1957



16.9071, 17.7009, 22.0000



17.5823, 17.7009, 17.8033

Complementary

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



16.0079, 17.7009, 18.1957



16.3367, 16.3353, 18.8159

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.



17.7511, 17.7009, 19.0371



16.0079, 17.7009, 18.1957



17.3566, 17.7009, 21.4929

Square

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



16.0079, 17.7009, 18.1957



16.4436, 17.7009, 21.7489



17.6677, 17.7009, 20.3926



17.2106, 17.7009, 16.9930

Rectangle

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



16.0079, 17.7009, 18.1957



16.0105, 17.7009, 20.4095



17.6677, 17.7009, 20.3926



17.6650, 17.7009, 18.1800

Sweetspot

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



16.0084, 17.7017, 18.1961



30.6335, 32.6597, 35.0328



16.6344, 18.0436, 17.3582



7.2731, 7.7465, 8.3188



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.



16.0084, 17.7017, 18.1961



28.0966, 31.4193, 31.8659



16.2594, 17.8020, 19.5177



3.6863, 4.1165, 4.1820



7.4053, 14.1761, 4.4246



35.7267, 68.9379, 19.6635

Inverse Universe

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



16.3367, 16.3353, 18.8159



28.8062, 28.4662, 33.2054



16.0894, 16.2363, 17.5136



3.7772, 3.7382, 4.3536



9.5910, 4.7701, 8.3204



46.3286, 23.0816, 38.3893

Previews

White Background



This preview shows how the XYZ color 16.0079, 17.7009, 18.1957 looks on a white background.

Color Contrast Check

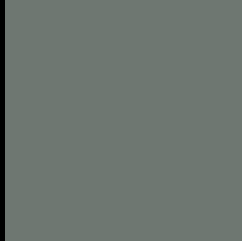
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0079, 17.7009, 18.1957 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

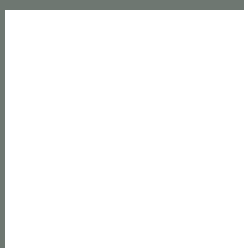
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0079, 17.7009, 18.1957

Background



This preview shows how black text looks on a background with the XYZ color 16.0079, 17.7009, 18.1957.



This preview shows how white text looks on a background with the XYZ color 16.0079, 17.7009,

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

16.0079, 17.7009, 18.1957

Protanopia

16.8604, 17.6315, 17.5535

Deuteranopia

17.9957, 17.6923, 18.3861



Tritanopia

16.8093, 17.6737, 22.2641

Trichromacy



Original Color

16.0079, 17.7009, 18.1957

Protanomaly

16.4884, 17.6054, 17.8584

Deuteranomaly

17.1940, 17.6139, 18.4132

Tritanomaly

16.4852, 17.7169, 20.6400

Monochromacy



Original Color

16.0079, 17.7009, 18.1957

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3952, 17.5378, 18.7407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0079, 17.7009, 18.1957 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(110, 119, 113)` looks like.

```
.text, #text, p{  
    color:rgb(110, 119, 113)  
}
```

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(110, 119, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 119, 113) }
```

Border

The CSS property to change the border of an element to XYZ 16.0079, 17.7009, 18.1957 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(110, 119, 113) }
```


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

```
.border{ border-color:rgb(110, 119, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 119, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 119, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 119, 113);  
box-shadow:4px 4px 4px 4px rgb(110, 119,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0079, 17.7009, 18.1957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 119, 113) }
```

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

```
.background{ background-color: rgb(110,  
119, 113) }
```

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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