

Converting Colors

XYZ(17.8232, 18.5632, 19.1080)

Have a look what the booklet for
XYZ(17.8232, 18.5632, 19.1080)
contains.

XYZ(17.9176, 18.6656, 19.1815)	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(17.9176, 18.6656,
19.1815)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7774
RGB	123, 119, 116
RGB Percent	48%, 47%, 45%
CMY	0.5176, 0.5333, 0.5451
CMYK	0.00, 0.03, 0.06, 0.52
HSL	26°, 3%, 47%
HSV	26°, 6%, 48%
XYZ	17.9176, 18.6656, 19.1815
YIQ	119.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

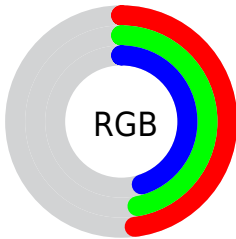
Format	Color
R_{YB}	123, 121, 116
Decimal	8091508
CIE Lab	50.29, 0.94, 2.18
CIE LCh	50, 2.378, 66.599
Yxy	18.6656, 0.3213, 0.3347
Android (android.graphics.Color)	4286281588 (0xFF7B7774)
YUV	119.8540, -1.9000, 2.7590
Hunter-Lab	43.2037, -1.5783, 3.9191

Details

The XYZ color **17.9176, 18.6656, 19.1815** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4940, 18.5757, 21.4025**, and the grayscale version is **17.8115, 18.7391, 20.4069**.

A 20% lighter version of the original color is **39.3100, 41.0669, 42.9006**, and **6.1207, 6.3797, 6.3776** is the 20% darker color. If you saturate the color by 10%, you get **16.4438, 16.7881, 15.3910**, and if you desaturate by 10%, it is **19.5490, 20.7062, 23.4925**.

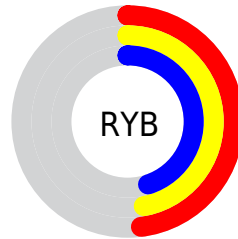
Distribution



Red (48%)

Green (47%)

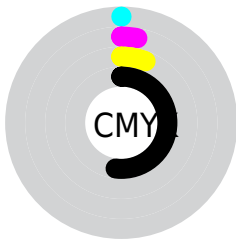
Blue (45%)



Red (48%)

Yellow (47%)

Blue (45%)

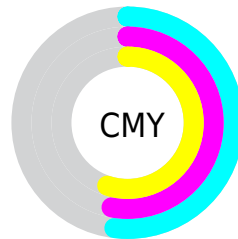


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9176, 18.6656, 19.1815 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 17.9176, 18.6656, 19.1815 by changing the saturation by 10% instead.

■ 17.9176, 18.6656,
19.1815

■ 17.9176, 18.6656,
19.1815

233.4608,
244.5964, 259.9050

■ 10.9902, 11.4289,
11.6234

■ 39.4281, 41.1683,
42.8813

■ 6.1275, 6.3561,
6.3684

■ 54.7418, 57.2030,
59.8601

■ 2.9641, 3.0628,
2.9979

■ 73.5817, 76.9393,
80.8162

■ 1.1348, 1.1646,
1.0936

96.3131, 100.7614,
106.1681

■ 0.0540, 0.0325,
0.0000

123.3013,
129.0538, 136.3344

■ 0.0000, 0.0000,
0.0000

154.9118,

162.2008, 171.7336

191.5098,
200.5869, 212.7843

■ 17.9176, 18.6656,
19.1815

■ 17.9176, 18.6656,
19.1815

■ 16.4438, 16.7881,
15.3910

■ 19.5490, 20.7062,
23.4925

■ 15.1211, 15.0672,
12.0997

■ 21.3412, 22.9115,
28.3415

■ 13.9446, 13.4994,
9.2871

■ 23.2993, 25.2860,
33.7469

■ 12.9087, 12.0800,
6.9302

■ 25.4276, 27.8336,
39.7257

■ 12.0073, 10.8044,
5.0046

■ 27.7305, 30.5576,
46.2941

■ 11.2339, 9.6675,
3.4833

■ 30.2119, 33.4617,
53.4679

■ 10.5813, 8.6638,
2.3362

■ 32.8757, 36.5492,
61.2621

■ 10.0414, 7.7873,
1.5292

■ 35.7258, 39.8233,
69.6912

■ 9.6013, 7.0302,
1.0031

■ 38.7657, 43.2872,
78.7693

Harmonies

Analogous

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



18.0991, 18.6656, 19.5767



17.9176, 18.6656, 19.1815



17.6902, 18.6656, 19.0893

Triad

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



17.9176, 18.6656, 19.1815



17.3047, 18.6656, 20.4698



18.0065, 18.6656, 21.3592

Complementary

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



17.9176, 18.6656, 19.1815



17.4940, 18.5757, 21.4025

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.



17.7920, 18.6656, 21.6101



17.9176, 18.6656, 19.1815



17.3878, 18.6656, 21.0894

Square

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



17.9176, 18.6656, 19.1815



17.3377, 18.6656, 19.8240



17.5657, 18.6656, 21.5103



18.1507, 18.6656, 20.8317

Rectangle

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



17.9176, 18.6656, 19.1815



17.5435, 18.6656, 19.2103



17.5657, 18.6656, 21.5103



17.9402, 18.6656, 21.4792

Sweetspot

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



17.9181, 18.6664, 19.1819



33.1171, 34.7228, 37.0510



17.8092, 18.0601, 20.3434



7.8096, 8.1903, 8.7525



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.



17.9181, 18.6664, 19.1819



31.6779, 32.9102, 33.2861



18.3318, 19.4937, 19.3198



4.1916, 4.3540, 4.4000



9.7505, 6.9570, 0.8289



45.7005, 31.5644, 3.6839

Inverse Universe

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



17.4940, 18.5757, 21.4025



30.7299, 32.7073, 38.2501



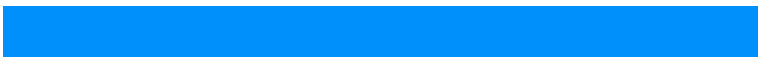
17.0907, 17.7691, 21.2681



4.0647, 4.3268, 5.0641



5.9744, 6.0312, 20.2346



27.6407, 27.0541, 96.2349

Previews

White Background



This preview shows how the XYZ color 17.9176, 18.6656, 19.1815 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 17.9176, 18.6656, 19.1815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

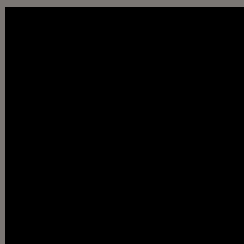
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

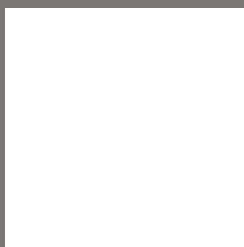
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9176, 18.6656, 19.1815

Background



This preview shows how black text looks on a background with the XYZ color 17.9176, 18.6656, 19.1815.



This preview shows how white text looks on a background with the XYZ color 17.9176, 18.6656,

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

17.9176, 18.6656, 19.1815

Protanopia

17.9176, 18.6656, 19.1815

Deuteranopia

18.9720, 18.6807, 19.4354



Tritanopia

18.6495, 18.6149, 22.6888

Trichromacy



Original Color

17.9176, 18.6656, 19.1815

Protanomaly

17.9176, 18.6656, 19.1815

Deuteranomaly

18.6254, 18.6741, 19.4524

Tritanomaly

18.3658, 18.6720, 21.3750

Monochromacy



Original Color

17.9176, 18.6656, 19.1815

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9314, 18.8298, 20.1422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9176, 18.6656, 19.1815 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(123, 119, 116)` looks like.

```
.text, #text, p{  
    color:rgb(123, 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(123, 119, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 119, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.9176, 18.6656, 19.1815 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(123, 119, 116) }
```


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

```
.border{ border-color:rgb(123, 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(123, 119, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 119, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 119, 116);  
box-shadow:4px 4px 4px 4px rgb(123, 119,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9176, 18.6656, 19.1815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 119, 116) }
```

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

```
.background{ background-color: rgb(123,  
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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