

Converting Colors

XYZ(17.6080, 19.1399, 18.2736)

Have a look what the booklet for
XYZ(17.6080, 19.1399, 18.2736)
contains.

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Color

**XYZ(17.5479, 19.0333,
18.3717)**

Conversions

Conversions Part 1

Format	Color
Hex	777A71
RGB	119, 122, 113
RGB Percent	47%, 48%, 44%
CMY	0.5333, 0.5216, 0.5569
CMYK	0.02, 0.00, 0.07, 0.52
HSL	80°, 4%, 46%
HSV	80°, 7%, 48%
XYZ	17.5479, 19.0333, 18.3717
YIQ	120.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

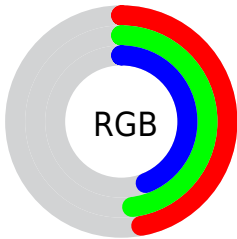
Format	Color
R_{YB}	113, 122, 116
Decimal	7830129
CIE _{Lab}	50.73, -2.91, 4.53
CIE _{LCh}	51, 5.380, 122.680
Yxy	19.0333, 0.3193, 0.3464
Android (android.graphics.Color)	4286020209 (0xFF777A71)
YUV	120.0770, -3.4890, -0.9445
Hunter-Lab	43.6272, -4.5505, 5.5716

Details

The XYZ color **17.5479, 19.0333, 18.3717** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6213, 16.9290, 20.8050**, and the grayscale version is **17.8882, 18.8198, 20.4948**.

A 20% lighter version of the original color is **38.7222, 41.6466, 41.5950**, and **5.9352, 6.4863, 5.9402** is the 20% darker color. If you saturate the color by 10%, you get **16.3602, 18.4957, 14.9685**, and if you desaturate by 10%, it is **18.8529, 19.6218, 22.2633**.

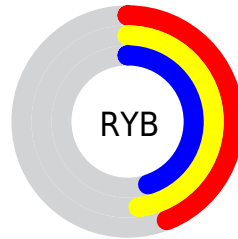
Distribution



Red (47%)

Green (48%)

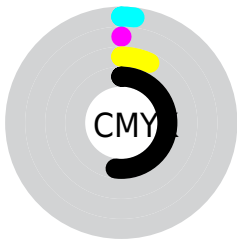
Blue (44%)



Red (44%)

Yellow (48%)

Blue (45%)

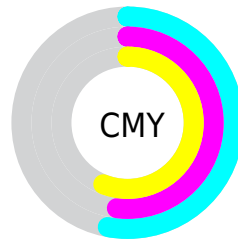


Cyan (2%)

Magenta (0%)

Yellow (7%)

Black (52%)



Cyan (53%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5479, 19.0333, 18.3717 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 17.5479, 19.0333, 18.3717 by changing the saturation by 10% instead.

■ 17.5479, 19.0333,
18.3717

■ 17.5479, 19.0333,
18.3717

231.4055,
246.6325, 255.2640

■ 10.7236, 11.6943,
11.0450

■ 38.8016, 41.7904,
41.4921

■ 5.9472, 6.5359,
5.9825

■ 53.9617, 57.9773,
58.1229

■ 2.8534, 3.1736,
2.7659

■ 72.6311, 77.8822,
78.6922

■ 1.0767, 1.2230,
0.9764

■ 95.1752, 101.8897,
103.6184

■ 0.0055, 0.0804,
0.0000

121.9594,
130.3841, 133.3202

■ 0.0000, 0.0000,
0.0000

153.3489,

163.7498, 168.2160

189.7091,
202.3711, 208.7244

■ 17.5479, 19.0333,
18.3717

■ 17.5479, 19.0333,
18.3717

■ 16.3602, 18.4957,
14.9685

■ 18.8529, 19.6218,
22.2633

■ 15.2844, 18.0049,
12.0332

■ 20.2774, 20.2604,
26.6601

■ 14.3167, 17.5601,
9.5455

■ 21.8255, 20.9511,
31.5800

■ 13.4526, 17.1594,
7.4834

■ 23.5007, 21.6956,
37.0394

■ 12.6873, 16.8009,
5.8229

■ 25.3061, 22.4951,
43.0539

■ 12.0155, 16.4823,
4.5377

■ 27.2448, 23.3508,
49.6388

■ 11.4312, 16.2012,
3.5983

■ 29.3200, 24.2641,
56.8084

■ 10.9276, 15.9550,
2.9706

■ 31.5346, 25.2361,
64.5768

■ 10.4896, 15.7375,
2.5766

■ 33.8913, 26.2679,
72.9575

Harmonies

Analogous

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



18.0431, 19.0333, 17.9531



17.5479, 19.0333, 18.3717



17.2035, 19.0333, 19.4180

Triad

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



17.5479, 19.0333, 18.3717



17.6286, 19.0333, 23.4162



19.1238, 19.0333, 20.5884

Complementary

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



17.5479, 19.0333, 18.3717



16.6213, 16.9290, 20.8050

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.



19.0077, 19.0333, 22.0874



17.5479, 19.0333, 18.3717



18.1381, 19.0333, 23.7663

Square

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



17.5479, 19.0333, 18.3717



17.2494, 19.0333, 22.3340



18.6443, 19.0333, 23.2690



18.9587, 19.0333, 19.1933

Rectangle

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



17.5479, 19.0333, 18.3717



17.1021, 19.0333, 20.3558



18.6443, 19.0333, 23.2690



19.1164, 19.0333, 21.0967

Sweetspot

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



17.5484, 19.0341, 18.3721



32.0686, 34.0250, 35.8603



17.2528, 17.8213, 18.1536



7.3406, 7.7835, 8.2238



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.



17.5484, 19.0341, 18.3721



30.4718, 33.3043, 31.1562



16.9455, 18.7233, 18.3439



4.1840, 4.5701, 4.2861



10.9184, 16.5058, 2.6105



51.1510, 78.2547, 12.4087

Inverse Universe

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



16.6213, 16.9290, 20.8050



28.4586, 28.7332, 36.4390



17.2340, 17.2448, 20.8337



3.9120, 3.9525, 4.9999



4.6403, 1.9649, 19.5200



21.3173, 8.9515, 93.0740

Previews

White Background



This preview shows how the XYZ color 17.5479, 19.0333, 18.3717 looks on a white background.

Color Contrast Check

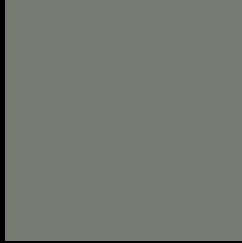
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5479, 19.0333, 18.3717 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

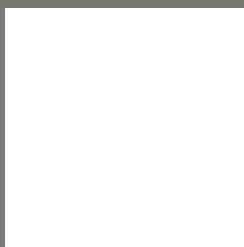
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5479, 19.0333, 18.3717

Background



This preview shows how black text looks on a background with the XYZ color 17.5479, 19.0333, 18.3717.



This preview shows how white text looks on a background with the XYZ color 17.5479, 19.0333,

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

17.5479, 19.0333, 18.3717

Protanopia

18.0985, 18.9628, 18.0355

Deuteranopia

19.3902, 19.0884, 18.5820



Tritanopia

18.5641, 19.0829, 23.4738

Trichromacy



Original Color

17.5479, 19.0333, 18.3717

Protanomaly

17.9304, 19.0556, 18.0623

Deuteranomaly

18.6873, 19.0757, 18.6166

Tritanomaly

18.1583, 19.0979, 21.4681

Monochromacy



Original Color

17.5479, 19.0333, 18.3717

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.7940, 18.9522, 19.5499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5479, 19.0333, 18.3717 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(119, 122, 113)` looks like.

```
.text, #text, p{  
    color:rgb(119, 122, 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(119, 122, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 122, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.5479, 19.0333, 18.3717 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(119, 122, 113) }
```


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

```
.border{ border-color:rgb(119, 122, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 122, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 122, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 122, 113);  
box-shadow:4px 4px 4px 4px rgb(119, 122,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5479, 19.0333, 18.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 122, 113) }
```

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

```
.background{ background-color: rgb(119,  
122, 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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