

Converting Colors

XYZ(17.6510, 19.8348, 18.4045)

Have a look what the booklet for
XYZ(17.6510, 19.8348, 18.4045)
contains.

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Color

**XYZ(17.6439, 19.8270,
18.5198)**

Conversions

Conversions Part 1

Format	Color
Hex	747E71
RGB	116, 126, 113
RGB Percent	45%, 49%, 44%
CMY	0.5451, 0.5059, 0.5569
CMYK	0.08, 0.00, 0.10, 0.51
HSL	106°, 5%, 47%
HSV	106°, 10%, 49%
XYZ	17.6439, 19.8270, 18.5198
YIQ	121.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

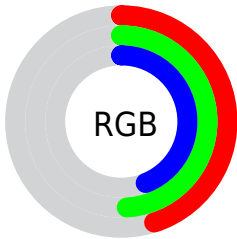
Format	Color
R_{YB}	113, 126, 123
Decimal	7634545
CIE Lab	51.64, -6.33, 5.81
CIE LCh	52, 8.593, 137.455
Yxy	19.8270, 0.3151, 0.3541
Android (android.graphics.Color)	4285824625 (0xFF747E71)
YUV	121.5280, -4.2043, -4.8481
Hunter-Lab	44.5275, -7.1931, 6.5095

Details

The XYZ color **17.6439, 19.8270, 18.5198** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8403, 17.5281, 22.1828**, and the grayscale version is **18.3591, 19.3152, 21.0342**.

A 20% lighter version of the original color is **39.0601, 43.2816, 41.8928**, and **5.9919, 6.9184, 6.0206** is the 20% darker color. If you saturate the color by 10%, you get **15.7613, 18.9334, 14.9823**, and if you desaturate by 10%, it is **19.7606, 20.8310, 22.5833**.

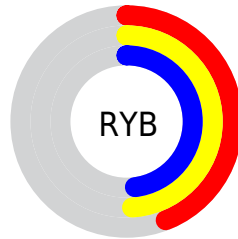
Distribution



Red (45%)

Green (49%)

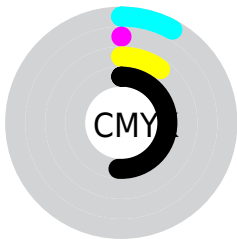
Blue (44%)



Red (44%)

Yellow (49%)

Blue (48%)

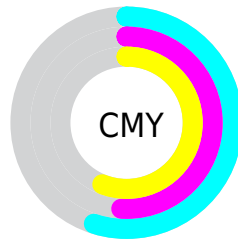


Cyan (8%)

Magenta (0%)

Yellow (10%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6439, 19.8270, 18.5198 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 17.6439, 19.8270, 18.5198 by changing the saturation by 10% instead.

■ 17.6439, 19.8270,
18.5198

■ 17.6439, 19.8270,
18.5198

231.9408,
250.9770, 256.1186

■ 10.7928, 12.2694,
11.1505

■ 38.9645, 43.1269,
41.7469

■ 5.9939, 6.9274,
6.0527

■ 54.1646, 59.6380,
58.4418

■ 2.8820, 3.4167,
2.8079

■ 72.8784, 79.9024,
79.0824

■ 1.0917, 1.3530,
0.9974

■ 95.4713, 104.3044,
104.0871

■ 0.0181, 0.1817,
0.0000

122.3087,
133.2285, 133.8746

■ 0.0000, 0.0000,
0.0000

153.7558,

167.0590, 168.8633

190.1780,
206.1804, 209.4718

■ 17.6439, 19.8270,
18.5198

■ 17.6439, 19.8270,
18.5198

■ 15.7613, 18.9334,
14.9823

■ 19.7606, 20.8310,
22.5833

■ 14.1030, 18.1440,
11.9480

■ 22.1175, 21.9465,
27.1917

■ 12.6610, 17.4556,
9.3945

■ 24.7225, 23.1777,
32.3646

■ 11.4261, 16.8641,
7.2970

■ 27.5827, 24.5277,
38.1201

■ 10.3883, 16.3650,
5.6288

■ 30.7049, 25.9998,
44.4757

■ 9.5370, 15.9533,
4.3599

■ 34.0954, 27.5969,
51.4481

■ 8.8603, 15.6238,
3.4570

■ 37.7607, 29.3219,
59.0532

■ 8.3449, 15.3703,
2.8812

■ 41.7068, 31.1775,
67.3065

■ 7.9698, 15.1847,
2.5109

■ 45.9395, 33.1666,
76.2229

Harmonies

Analogous

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



18.3496, 19.8270, 17.3487



17.6439, 19.8270, 18.5198



17.2649, 19.8270, 20.5683

Triad

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



17.6439, 19.8270, 18.5198



18.4854, 19.8270, 26.5891



20.4795, 19.8270, 20.1883

Complementary

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



17.6439, 19.8270, 18.5198



17.8403, 17.5281, 22.1828

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.



20.5186, 19.8270, 22.6414



17.6439, 19.8270, 18.5198



19.3492, 19.8270, 26.4677

Square

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



17.6439, 19.8270, 18.5198



17.7407, 19.8270, 25.2981



20.0993, 19.8270, 24.9781



19.9942, 19.8270, 18.2601

Rectangle

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



17.6439, 19.8270, 18.5198



17.2407, 19.8270, 22.2133



20.0993, 19.8270, 24.9781



20.5458, 19.8270, 20.9750

Sweetspot

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



17.6444, 19.8279, 18.5202



33.7147, 36.1599, 37.6877



18.6645, 19.7865, 18.4585



7.6063, 8.1954, 8.4520



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.



17.6444, 19.8279, 18.5202



30.3744, 34.5757, 31.3048



17.4511, 19.7052, 19.5499



4.3617, 4.8629, 4.6289



8.1725, 15.5755, 2.5756



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8403, 17.5281, 22.1828



30.7792, 29.8204, 38.8780



18.0561, 17.6648, 21.0450



4.4042, 4.3640, 5.4235



8.9101, 4.1470, 20.5808



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.6439, 19.8270, 18.5198 looks on a white background.

Color Contrast Check

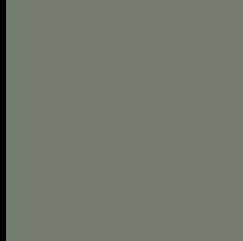
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6439, 19.8270, 18.5198 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 17.6439, 19.8270, 18.5198

Background



This preview shows how black text looks on a background with the XYZ color 17.6439, 19.8270, 18.5198.



This preview shows how white text looks on a background with the XYZ color 17.6439, 19.8270,

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

17.6439, 19.8270, 18.5198

Protanopia

18.8543, 19.9028, 17.8868

Deuteranopia

20.1153, 19.8118, 18.6835



Tritanopia

18.9243, 19.7813, 25.0111

Trichromacy



Original Color

17.6439, 19.8270, 18.5198

Protanomaly

18.4445, 19.8702, 18.1924

Deuteranomaly

19.2027, 19.8798, 18.7447

Tritanomaly

18.4448, 19.7732, 22.5831

Monochromacy



Original Color

17.6439, 19.8270, 18.5198

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.1585, 19.4909, 20.2578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6439, 19.8270, 18.5198 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(116, 126, 113)` looks like.

```
.text, #text, p{  
    color:rgb(116, 126, 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(116, 126, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 126, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.6439, 19.8270, 18.5198 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(116, 126, 113) }
```


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

```
.border{ border-color:rgb(116, 126, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 126, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 126, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 126, 113);  
box-shadow:4px 4px 4px 4px rgb(116, 126,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6439, 19.8270, 18.5198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 126, 113) }
```

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

```
.background{ background-color: rgb(116,  
126, 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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