

Converting Colors

XYZ(17.3446, 19.4095, 18.1981)

Have a look what the booklet for
XYZ(17.3446, 19.4095, 18.1981)
contains.

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Color

**XYZ(17.3285, 19.4819,
18.1763)**

Conversions

Conversions Part 1

Format	Color
Hex	737D70
RGB	115, 125, 112
RGB Percent	45%, 49%, 44%
CMY	0.5490, 0.5098, 0.5608
CMYK	0.08, 0.00, 0.10, 0.51
HSL	106°, 5%, 46%
HSV	106°, 10%, 49%
XYZ	17.3285, 19.4819, 18.1763
YIQ	120.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

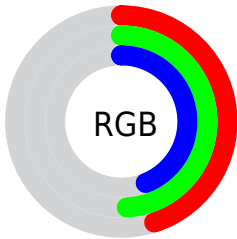
Format	Color
R_{YB}	112, 125, 122
Decimal	7568752
CIE Lab	51.25, -6.34, 5.82
CIE LCh	51, 8.605, 137.449
Yxy	19.4819, 0.3151, 0.3543
Android (android.graphics.Color)	4285758832 (0xFF737D70)
YUV	120.5280, -4.2043, -4.8481
Hunter-Lab	44.1383, -7.1637, 6.4810

Details

The XYZ color **17.3285, 19.4819, 18.1763** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5226, 17.2071, 21.8007**, and the grayscale version is **18.0358, 18.9751, 20.6639**.

A 20% lighter version of the original color is **38.5576, 42.7366, 41.3387**, and **5.8246, 6.7323, 5.8430** is the 20% darker color. If you saturate the color by 10%, you get **15.4812, 18.6050, 14.7055**, and if you desaturate by 10%, it is **19.4055, 20.4671, 22.1632**.

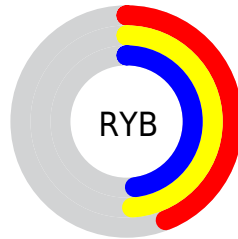
Distribution



Red (45%)

Green (49%)

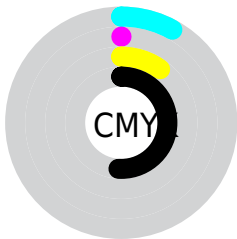
Blue (44%)



Red (44%)

Yellow (49%)

Blue (48%)

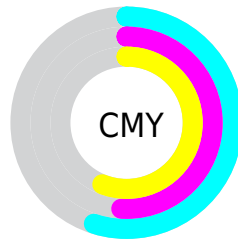


Cyan (8%)

Magenta (0%)

Yellow (10%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3285, 19.4819, 18.1763 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 17.3285, 19.4819, 18.1763 by changing the saturation by 10% instead.

■ 17.3285, 19.4819,
18.1763

■ 17.3285, 19.4819,
18.1763

230.1779,
249.0964, 254.1323

■ 10.5657, 12.0190,
10.9059

■ 38.4288, 42.5468,
41.1555

■ 5.8408, 6.7566,
5.8902

■ 53.4971, 58.9176,
57.7014

■ 2.7882, 3.3104,
2.7107

■ 72.0646, 79.0266,
78.1761

■ 1.0428, 1.2958,
0.9488

■ 94.4967, 103.2580,
102.9983

■ 0.0000, 0.1380,
0.0000

121.1587,
131.9962, 132.5865

■ 0.0000, 0.0000,
0.0000

152.4160,

165.6258, 167.3592

188.6340,
204.5311, 207.7349

■ 17.3285, 19.4819,
18.1763

■ 17.3285, 19.4819,
18.1763

■ 15.4812, 18.6050,
14.7055

■ 19.4055, 20.4671,
22.1632

■ 13.8539, 17.8304,
11.7283

■ 21.7181, 21.5616,
26.6846

■ 12.4388, 17.1549,
9.2229

■ 24.2742, 22.7696,
31.7599

■ 11.2268, 16.5744,
7.1649

■ 27.0805, 24.0943,
37.4068

■ 10.2083, 16.0845,
5.5279

■ 30.1438, 25.5386,
43.6424

■ 9.3727, 15.6804,
4.2828

■ 33.4705, 27.1056,
50.4830

■ 8.7084, 15.3569,
3.3968

■ 37.0666, 28.7980,
57.9445

■ 8.2024, 15.1080,
2.8316

■ 40.9381, 30.6187,
66.0418

■ 7.8363, 14.9269,
2.4682

■ 45.0909, 32.5702,
74.7897

Harmonies

Analogous

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



18.0269, 19.4819, 17.0184



17.3285, 19.4819, 18.1763



16.9535, 19.4819, 20.2026

Triad

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



17.3285, 19.4819, 18.1763



18.1609, 19.4819, 26.1645



20.1351, 19.4819, 19.8276

Complementary

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



17.3285, 19.4819, 18.1763



17.5226, 17.2071, 21.8007

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.



20.1737, 19.4819, 22.2554



17.3285, 19.4819, 18.1763



19.0159, 19.4819, 26.0445

Square

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



17.3285, 19.4819, 18.1763



17.4240, 19.4819, 24.8854



19.7586, 19.4819, 24.5692



19.6547, 19.4819, 17.9200

Rectangle

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



17.3285, 19.4819, 18.1763



16.9295, 19.4819, 21.8307



19.7586, 19.4819, 24.5692



20.2007, 19.4819, 20.6061

Sweetspot

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



17.3290, 19.4827, 18.1767



33.7147, 36.1599, 37.6877



18.3383, 19.4415, 18.1156



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.



17.3290, 19.4827, 18.1767



30.3746, 34.5758, 31.3048



17.1377, 19.3614, 19.1951



4.3618, 4.8629, 4.6289



8.1728, 15.5756, 2.5756



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.5226, 17.2071, 21.8007



30.7789, 29.8203, 38.8780



17.7363, 17.3424, 20.6745



4.4042, 4.3640, 5.4235



8.9091, 4.1465, 20.5807



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3285, 19.4819, 18.1763 looks on a white background.

Color Contrast Check

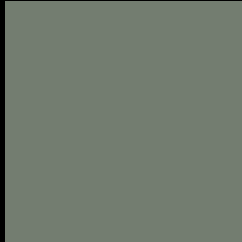
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3285, 19.4819, 18.1763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

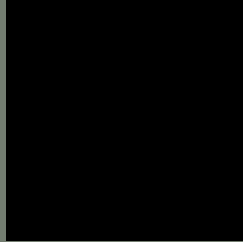
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3285, 19.4819, 18.1763

Background



This preview shows how black text looks on a background with the XYZ color 17.3285, 19.4819, 18.1763.

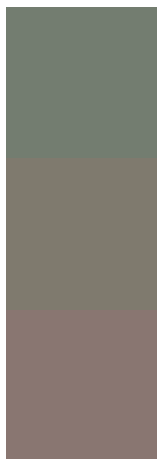


This preview shows how white text looks on a background with the XYZ color 17.3285, 19.4819,

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

17.3285, 19.4819, 18.1763

Protanopia

18.5264, 19.5569, 17.5503

Deuteranopia

19.7756, 19.4675, 18.3381



Tritanopia

18.5956, 19.4366, 24.6013

Trichromacy



Original Color

17.3285, 19.4819, 18.1763

Protanomaly

18.1206, 19.5246, 17.8525

Deuteranomaly

18.8713, 19.5341, 18.3986

Tritanomaly

18.1207, 19.4285, 22.1970

Monochromacy



Original Color

17.3285, 19.4819, 18.1763

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.8373, 19.1490, 19.8955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3285, 19.4819, 18.1763 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(115, 125, 112)` looks like.

```
.text, #text, p{  
    color:rgb(115, 125, 112)  
}
```

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(115, 125, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 125, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.3285, 19.4819, 18.1763 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(115, 125, 112) }
```


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

```
.border{ border-color:rgb(115, 125, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 125, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 125, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 125, 112);  
box-shadow:4px 4px 4px 4px rgb(115, 125,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3285, 19.4819, 18.1763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 125, 112) }
```

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

```
.background{ background-color: rgb(115,  
125, 112) }
```

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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