

Converting Colors

XYZ(17.4985, 19.0456, 16.6638)

Have a look what the booklet for
XYZ(17.4985, 19.0456, 16.6638)
contains.

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Color

**XYZ(17.4985, 19.0456,
16.6638)**

Conversions

Conversions Part 1

Format	Color
Hex	797A6B
RGB	121, 122, 107
RGB Percent	47%, 48%, 42%
CMY	0.5255, 0.5216, 0.5804
CMYK	0.01, 0.00, 0.12, 0.52
HSL	64°, 7%, 45%
HSV	64°, 12%, 48%
XYZ	17.4985, 19.0456, 16.6638
YIQ	119.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

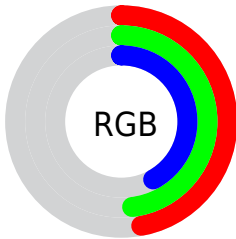
Format	Color
R_{YB}	107, 122, 108
Decimal	7961195
CIE Lab	50.74, -3.23, 8.09
CIE LCh	51, 8.713, 111.792
Yxy	19.0456, 0.3289, 0.3579
Android (android.graphics.Color)	4286151275 (0xFF797A6B)
YUV	119.9910, -6.4046, 0.8849
Hunter-Lab	43.6413, -4.8005, 7.9098

Details

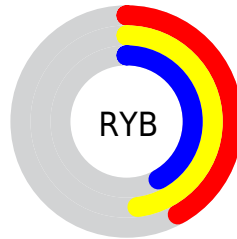
The XYZ color **17.4985, 19.0456, 16.6638** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9557, 15.1092, 20.5416**, and the grayscale version is **17.8690, 18.7996, 20.4728**.

A 20% lighter version of the original color is **38.5412, 41.6250, 38.3508**, and **5.8706, 6.4690, 5.2142** is the 20% darker color. If you saturate the color by 10%, you get **16.7877, 18.7488, 13.5131**, and if you desaturate by 10%, it is **18.3019, 19.3808, 20.2925**.

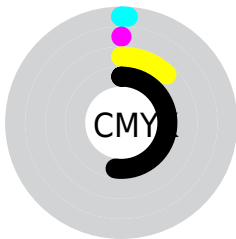
Distribution



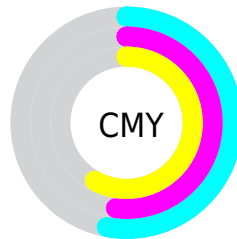
- Red (47%)
- Green (48%)
- Blue (42%)



- Red (42%)
- Yellow (48%)
- Blue (42%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (52%)



- Cyan (53%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4985, 19.0456, 16.6638 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 17.4985, 19.0456, 16.6638 by changing the saturation by 10% instead.

■ 17.4985, 19.0456,
16.6638

■ 17.4985, 19.0456,
16.6638

231.1296,
246.7004, 245.2054

■ 10.6880, 11.7032,
9.8357

■ 38.7177, 41.8111,
38.5295

■ 5.9232, 6.5419,
5.1860

■ 53.8572, 58.0031,
54.4042

■ 2.8387, 3.1773,
2.2961

■ 72.5037, 77.9137,
74.1314

■ 1.0690, 1.2250,
0.7291

■ 95.0227, 101.9274,
98.1298

■ 0.0000, 0.0820,
0.0000

121.7794,
130.4285, 126.8179

■ 0.0000, 0.0000,
0.0000

153.1392,

163.8014, 160.6141

189.4675,
202.4306, 199.9371

■ 17.4985, 19.0456,
16.6638

■ 17.4985, 19.0456,
16.6638

■ 16.7877, 18.7488,
13.5131

■ 18.3019, 19.3808,
20.2925

■ 16.1642, 18.4863,
10.8192

■ 19.1998, 19.7534,
24.4166

■ 15.6245, 18.2575,
8.5613

■ 20.1963, 20.1655,
29.0542

■ 15.1642, 18.0605,
6.7164

■ 21.2944, 20.6183,
34.2222

■ 14.7784, 17.8935,
5.2596

■ 22.4973, 21.1132,
39.9366

■ 14.4620, 17.7544,
4.1629

■ 23.8078, 21.6512,
46.2128

■ 14.2091, 17.6407,
3.3950

■ 25.2288, 22.2336,
53.0656

■ 14.0124, 17.5496,
2.9188

■ 26.7629, 22.8613,
60.5093

■ 13.8790, 17.4868,
2.6438

■ 28.4129, 23.5355,
68.5574

Harmonies

Analogous

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



18.3381, 19.0456, 16.4158



17.4985, 19.0456, 16.6638



16.8404, 19.0456, 17.9582

Triad

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



17.4985, 19.0456, 16.6638



17.1039, 19.0456, 24.6634



19.7795, 19.0456, 21.4172

Complementary

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



17.4985, 19.0456, 16.6638



14.9557, 15.1092, 20.5416

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.



19.4257, 19.0456, 23.7896



17.4985, 19.0456, 16.6638



17.8685, 19.0456, 25.7579

Square

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



17.4985, 19.0456, 16.6638



16.6176, 19.0456, 22.5358



18.7198, 19.0456, 25.4261



19.6729, 19.0456, 19.0374

Rectangle

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



17.4985, 19.0456, 16.6638



16.5844, 19.0456, 19.3001



18.7198, 19.0456, 25.4261



19.7101, 19.0456, 22.2444

Sweetspot

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



17.4990, 19.0464, 16.6642



31.9302, 33.9839, 34.4863



16.0431, 15.9247, 16.1384



7.2796, 7.7616, 7.7886



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.



17.4990, 19.0464, 16.6642



30.3838, 33.3391, 27.5290



16.4887, 18.5256, 16.6169



4.2826, 4.6210, 4.2907



14.6087, 18.4083, 2.7832



69.3994, 87.6621, 13.2627

Inverse Universe

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



14.9557, 15.1092, 20.5416



24.9073, 24.8607, 35.8787



15.9073, 15.5998, 20.5861



3.8202, 3.9052, 4.9956



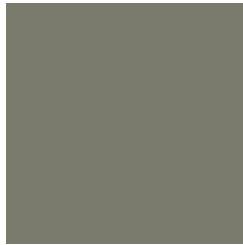
3.8031, 1.5333, 19.4808



17.8712, 7.1750, 92.9128

Previews

White Background



This preview shows how the XYZ color 17.4985, 19.0456, 16.6638 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 17.4985, 19.0456, 16.6638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

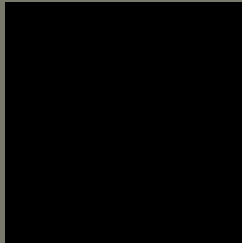
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4985, 19.0456, 16.6638

Background



This preview shows how black text looks on a background with the XYZ color 17.4985, 19.0456, 16.6638.



This preview shows how white text looks on a background with the XYZ color 17.4985, 19.0456,

16.6638.

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

17.4985, 19.0456, 16.6638

Protanopia

17.9222, 18.9092, 16.3409

Deuteranopia

19.2687, 18.8919, 16.8183



Tritanopia

18.8053, 19.0373, 23.1055

Trichromacy



Original Color

17.4985, 19.0456, 16.6638

Protanomaly

17.7511, 19.0004, 16.3675

Deuteranomaly

18.5453, 18.8649, 16.8512

Tritanomaly

18.2750, 19.0000, 20.4735

Monochromacy



Original Color

17.4985, 19.0456, 16.6638

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6776, 18.9056, 18.9371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4985, 19.0456, 16.6638 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(121, 122, 107)` looks like.

```
.text, #text, p{  
    color:rgb(121, 122, 107)  
}
```

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(121, 122, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 122, 107) }
```

Border

The CSS property to change the border of an element to XYZ 17.4985, 19.0456, 16.6638 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(121, 122, 107) }
```


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

```
.border{ border-color:rgb(121, 122, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 122, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 122, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 122, 107);  
box-shadow:4px 4px 4px 4px rgb(121, 122,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4985, 19.0456, 16.6638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 122, 107) }
```

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

```
.background{ background-color: rgb(121,  
122, 107) }
```

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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