

Converting Colors

XYZ(17.8915, 19.7640, 16.3879)

Have a look what the booklet for
XYZ(17.8915, 19.7640, 16.3879)
contains.

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Color

**XYZ(17.9612, 19.8454,
16.5196)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7D6A
RGB	122, 125, 106
RGB Percent	48%, 49%, 42%
CMY	0.5216, 0.5098, 0.5843
CMYK	0.02, 0.00, 0.15, 0.51
HSL	69°, 8%, 45%
HSV	69°, 15%, 49%
XYZ	17.9612, 19.8454, 16.5196
YIQ	121.9370, 4.3110, -6.5450

Conversions

Conversions Part 2

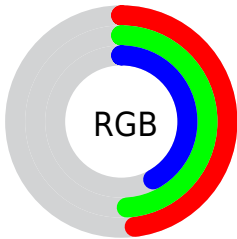
Format	Color
R_{YB}	106, 125, 109
Decimal	8027498
CIE Lab	51.66, -4.72, 9.99
CIE LCh	52, 11.048, 115.298
Yxy	19.8454, 0.3306, 0.3653
Android (android.graphics.Color)	4286217578 (0xFF7A7D6A)
YUV	121.9370, -7.8569, 0.0553
Hunter-Lab	44.5482, -5.9906, 9.1975

Details

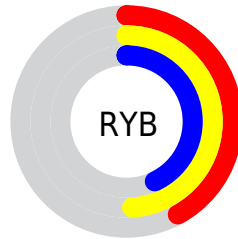
The XYZ color **17.9612, 19.8454, 16.5196** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1631, 15.0405, 21.5070**, and the grayscale version is **18.5024, 19.4660, 21.1984**.

A 20% lighter version of the original color is **39.4618, 43.2738, 38.1711**, and **6.1215, 6.9011, 5.1471** is the 20% darker color. If you saturate the color by 10%, you get **17.0813, 19.4621, 13.3289**, and if you desaturate by 10%, it is **18.9426, 20.2713, 20.2106**.

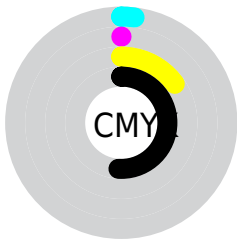
Distribution



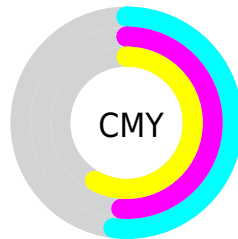
- Red (48%)
- Green (49%)
- Blue (42%)



- Red (42%)
- Yellow (49%)
- Blue (43%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9612, 19.8454, 16.5196 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 17.9612, 19.8454, 16.5196 by changing the saturation by 10% instead.

■ 17.9612, 19.8454,
16.5196

■ 17.9612, 19.8454,
16.5196

233.7021,
251.0769, 244.3381

■ 11.0217, 12.2827,
9.7343

■ 39.5018, 43.1578,
38.2772

■ 6.1488, 6.9365,
5.1198

■ 54.8336, 59.6764,
54.0865

■ 2.9773, 3.4224,
2.2578

■ 73.6934, 79.9490,
73.7409

■ 1.1418, 1.3560,
0.7074

■ 96.4468, 104.3601,
97.6590

■ 0.0596, 0.1840,
0.0000

123.4590,
133.2940, 126.2592

■ 0.0000, 0.0000,
0.0000

155.0954,

167.1352, 159.9600

191.7213,
206.2681, 199.1802

■ 17.9612, 19.8454,
16.5196

■ 17.9612, 19.8454,
16.5196

■ 17.0813, 19.4621,
13.3289

■ 18.9426, 20.2713,
20.2106

■ 16.2973, 19.1172,
10.6157

■ 20.0278, 20.7386,
24.4208

■ 15.6052, 18.8097,
8.3574

■ 21.2210, 21.2499,
29.1697

■ 15.0003, 18.5377,
6.5289

■ 22.5257, 21.8064,
34.4754

■ 14.4773, 18.2991,
5.1029

■ 23.9452, 22.4095,
40.3552

■ 14.0305, 18.0916,
4.0488

■ 25.4826, 23.0604,
46.8257

■ 13.6530, 17.9125,
3.3318

■ 27.1410, 23.7605,
53.9027

■ 13.3346, 17.7576,
2.8970

■ 28.9234, 24.5107,
61.6015

■ 13.1894, 17.6866,
2.7187

■ 30.8325, 25.3124,
69.9367

Harmonies

Analogous

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



19.0387, 19.8454, 16.0492



17.9612, 19.8454, 16.5196



17.1545, 19.8454, 18.2983

Triad

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



17.9612, 19.8454, 16.5196



17.6682, 19.8454, 27.0585



21.0805, 19.8454, 22.1154

Complementary

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



17.9612, 19.8454, 16.5196



15.1631, 15.0405, 21.5070

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.



20.6802, 19.8454, 25.2951



17.9612, 19.8454, 16.5196



18.6873, 19.8454, 28.3223

Square

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



17.9612, 19.8454, 16.5196



16.9901, 19.8454, 24.3392



19.7934, 19.8454, 27.6474



20.8676, 19.8454, 19.0896

Rectangle

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



17.9612, 19.8454, 16.5196



16.8641, 19.8454, 20.0874



19.7934, 19.8454, 27.6474



21.0128, 19.8454, 23.2041

Sweetspot

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



17.9617, 19.8463, 16.5200



33.9346, 36.3054, 36.2471



16.5123, 16.3065, 15.9132



7.6948, 8.2478, 8.1529



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.



17.9617, 19.8463, 16.5200



31.6342, 35.3077, 27.6377



16.7009, 19.1963, 16.4610



4.6007, 4.9861, 4.6401



13.7603, 18.4561, 2.8371



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1631, 15.0405, 21.5070



25.6880, 25.0962, 38.2345



16.3752, 15.6653, 21.5637



4.1673, 4.2418, 5.4124



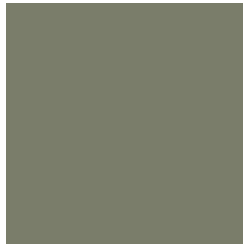
4.1549, 1.6956, 20.3583



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9612, 19.8454, 16.5196 looks on a white background.

Color Contrast Check

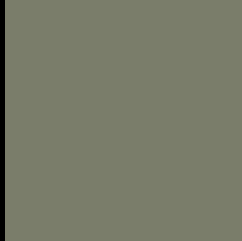
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9612, 19.8454, 16.5196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

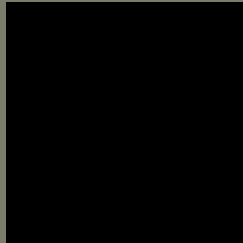
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

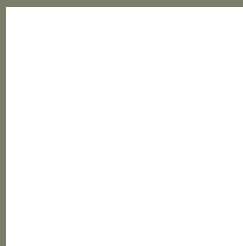
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9612, 19.8454, 16.5196

Background



This preview shows how black text looks on a background with the XYZ color 17.9612, 19.8454, 16.5196.



This preview shows how white text looks on a background with the XYZ color 17.9612, 19.8454,

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

17.9612, 19.8454, 16.5196

Protanopia

18.6860, 19.8530, 16.2117

Deuteranopia

20.1168, 19.6811, 16.6485



Tritanopia

19.5383, 19.7491, 24.2549

Trichromacy



Original Color

17.9612, 19.8454, 16.5196

Protanomaly

18.3616, 19.8708, 16.2323

Deuteranomaly

19.3227, 19.8046, 16.7142

Tritanomaly

18.9298, 19.6842, 21.2141

Monochromacy



Original Color

17.9612, 19.8454, 16.5196

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.2614, 19.5644, 19.3368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9612, 19.8454, 16.5196 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(122, 125, 106)` looks like.

```
.text, #text, p{  
    color:rgb(122, 125, 106)  
}
```

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(122, 125, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 125, 106) }
```

Border

The CSS property to change the border of an element to XYZ 17.9612, 19.8454, 16.5196 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(122, 125, 106) }
```


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

```
.border{ border-color:rgb(122, 125, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 125, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 125, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 125, 106);  
box-shadow:4px 4px 4px 4px rgb(122, 125,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9612, 19.8454, 16.5196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 125, 106) }
```

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

```
.background{ background-color: rgb(122,  
125, 106) }
```

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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