

Converting Colors

XYZ(16.0396, 19.3541, 15.4607)

Have a look what the booklet for
XYZ(16.0396, 19.3541, 15.4607)
contains.

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Color

**XYZ(16.0613, 19.4618,
15.4804)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8066
RGB	106, 128, 102
RGB Percent	42%, 50%, 40%
CMY	0.5843, 0.4980, 0.6000
CMYK	0.17, 0.00, 0.20, 0.50
HSL	111°, 11%, 45%
HSV	111°, 20%, 50%
XYZ	16.0613, 19.4618, 15.4804
YIQ	118.4580, -4.7660, -12.7500

Conversions

Conversions Part 2

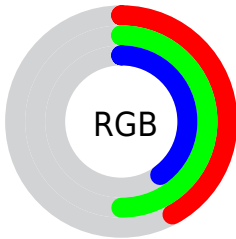
Format	Color
R_{YB}	102, 128, 124
Decimal	6979686
CIE _{Lab}	51.22, -13.33, 11.52
CIE _{LCh}	51, 17.613, 139.164
Yxy	19.4618, 0.3149, 0.3816
Android (android.graphics.Color)	4285169766 (0xFF6A8066)
YUV	118.4580, -8.1138, -10.9257
Hunter-Lab	44.1155, -12.2150, 10.0757

Details

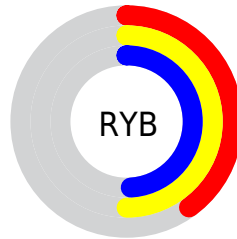
The XYZ color **16.0613, 19.4618, 15.4804** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.9606, 15.3469, 22.4914**, and the grayscale version is **17.3898, 18.2954, 19.9237**.

A 20% lighter version of the original color is **36.3742, 42.6168, 36.4457**, and **5.2305, 6.7673, 4.6450** is the 20% darker color. If you saturate the color by 10%, you get **14.2681, 18.6057, 12.3348**, and if you desaturate by 10%, it is **18.1162, 20.4426, 19.1509**.

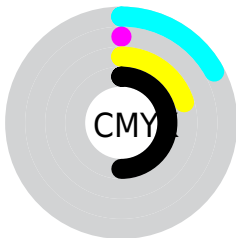
Distribution



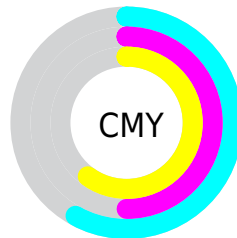
- Red (42%)
- Green (50%)
- Blue (40%)



- Red (40%)
- Yellow (50%)
- Blue (49%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (50%)



- Cyan (58%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0613, 19.4618, 15.4804 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 16.0613, 19.4618, 15.4804 by changing the saturation by 10% instead.

■ 16.0613, 19.4618,
15.4804

■ 16.0613, 19.4618,
15.4804

222.9664,
248.9864, 237.9959

■ 9.6587, 12.0044,
9.0069

■ 36.2612, 42.5130,
36.4479

■ 5.2338, 6.7467,
4.6488

■ 50.7891, 58.8756,
51.7790

■ 2.4212, 3.3042,
1.9876

■ 68.7562, 78.9754,
70.8997

■ 0.8557, 1.2925,
0.5476

■ 90.5278, 103.1968,
94.2285

■ 0.0000, 0.1354,
0.0000

116.4693,
131.9243, 122.1840

■ 0.0000, 0.0000,
0.0000

146.9460,

165.5421, 155.1847

182.3233,
204.4347, 193.6492

■ 16.0613, 19.4618,
15.4804

■ 16.0613, 19.4618,
15.4804

■ 14.2681, 18.6057,
12.3348

■ 18.1162, 20.4426,
19.1509

■ 12.7245, 17.8669,
9.6888

■ 20.4412, 21.5503,
23.3672

■ 11.4198, 17.2410,
7.5171

■ 23.0462, 22.7900,
28.1509

■ 10.3419, 16.7224,
5.7916

■ 25.9401, 24.1660,
33.5220

■ 9.4775, 16.3049,
4.4814

■ 29.1315, 25.6822,
39.4995

■ 8.8121, 15.9818,
3.5514

■ 32.6286, 27.3425,
46.1014

■ 8.3291, 15.7454,
2.9609

■ 36.4391, 29.1506,
53.3451

■ 8.0017, 15.5846,
2.5864

■ 40.5708, 31.1099,
61.2474

■ 45.0310, 33.2240,
69.8242

Harmonies

Analogous

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



17.4125, 19.4618, 13.3125



16.0613, 19.4618, 15.4804



15.3786, 19.4618, 19.4257

Triad

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



16.0613, 19.4618, 15.4804



17.8709, 19.4618, 32.1657



21.8706, 19.4618, 18.1749

Complementary

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



16.0613, 19.4618, 15.4804



16.9606, 15.3469, 22.4914

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.



22.0127, 19.4618, 23.0592



16.0613, 19.4618, 15.4804



19.6274, 19.4618, 31.6885

Square

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



16.0613, 19.4618, 15.4804



16.3786, 19.4618, 29.3723



21.1692, 19.4618, 28.1563



20.7925, 19.4618, 14.6896

Rectangle

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



16.0613, 19.4618, 15.4804



15.3635, 19.4618, 22.7667



21.1692, 19.4618, 28.1563



22.0319, 19.4618, 19.6890

Sweetspot

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



16.0618, 19.4626, 15.4808



33.5451, 36.7771, 36.6967



18.4671, 19.8813, 15.4349



7.8047, 8.5871, 8.5027



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.0618, 19.4626, 15.4808



26.8844, 33.5999, 24.7970



16.0502, 19.4043, 17.8429



4.3329, 4.8481, 4.6275



7.9348, 15.4529, 2.5645



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.9606, 15.3469, 22.4914



28.7406, 25.0937, 39.2850



17.0040, 15.4324, 19.6412



4.4353, 4.3800, 5.4249



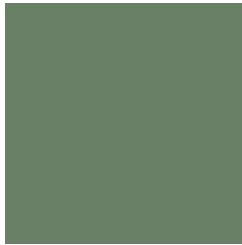
10.0343, 4.7266, 20.6334



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.0613, 19.4618, 15.4804 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 16.0613, 19.4618, 15.4804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

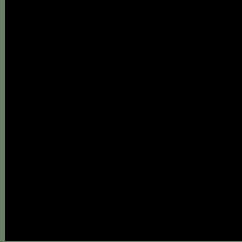
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.0613, 19.4618, 15.4804

Background



This preview shows how black text looks on a background with the XYZ color 16.0613, 19.4618, 15.4804.



This preview shows how white text looks on a background with the XYZ color 16.0613, 19.4618,

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

16.0613, 19.4618, 15.4804

Protanopia

18.2649, 19.4870, 14.6031

Deuteranopia

19.6752, 19.2975, 15.7845



Tritanopia

18.0663, 19.5160, 25.3690

Trichromacy



Original Color

16.0613, 19.4618, 15.4804

Protanomaly

17.3931, 19.4004, 14.8845

Deuteranomaly

18.1876, 19.2432, 15.5877

Tritanomaly

17.1531, 19.3236, 21.2381

Monochromacy



Original Color

16.0613, 19.4618, 15.4804

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.8236, 18.6663, 18.0455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0613, 19.4618, 15.4804 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(106, 128, 102)` looks like.

```
.text, #text, p{  
    color:rgb(106, 128, 102)  
}
```

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(106, 128, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 128, 102) }
```

Border

The CSS property to change the border of an element to XYZ 16.0613, 19.4618, 15.4804 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(106, 128, 102) }
```


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

```
.border{ border-color:rgb(106, 128, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 128, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 128, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 128, 102);  
box-shadow:4px 4px 4px 4px rgb(106, 128,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0613, 19.4618, 15.4804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 128, 102) }
```

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

```
.background{ background-color: rgb(106,  
128, 102) }
```

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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