

Converting Colors

XYZ(16.0525, 19.3345, 16.6468)

Have a look what the booklet for
XYZ(16.0525, 19.3345, 16.6468)
contains.

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Color

**XYZ(16.1464, 19.4822,
16.5451)**

Conversions

Conversions Part 1

Format	Color
Hex	69806A
RGB	105, 128, 106
RGB Percent	41%, 50%, 42%
CMY	0.5882, 0.4980, 0.5843
CMYK	0.18, 0.00, 0.17, 0.50
HSL	123°, 10%, 46%
HSV	123°, 18%, 50%
XYZ	16.1464, 19.4822, 16.5451
YIQ	118.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

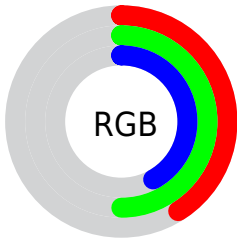
Format	Color
R_{YB}	105, 127, 128
Decimal	6914154
CIE _{Lab}	51.25, -12.94, 9.22
CIE _{LCh}	51, 15.887, 144.536
Yxy	19.4822, 0.3095, 0.3734
Android (android.graphics.Color)	4285104234 (0xFF69806A)
YUV	118.6150, -6.2192, -11.9404
Hunter-Lab	44.1386, -11.9454, 8.6726

Details

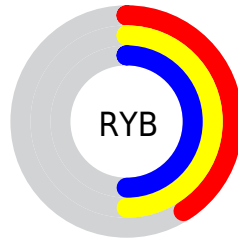
The XYZ color **16.1464, 19.4822, 16.5451** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7851, 16.2251, 22.2740**, and the grayscale version is **17.4339, 18.3419, 19.9743**.

A 20% lighter version of the original color is **36.3200, 42.5500, 38.1970**, and **5.2727, 6.7776, 5.1680** is the 20% darker color. If you saturate the color by 10%, you get **14.1628, 18.5285, 13.3626**, and if you desaturate by 10%, it is **18.4484, 20.5906, 20.2180**.

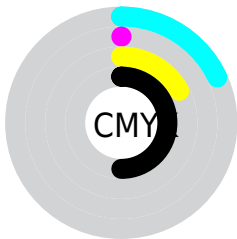
Distribution



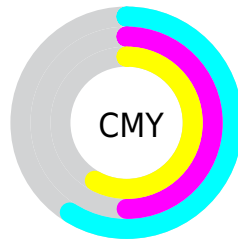
- Red (41%)
- Green (50%)
- Blue (42%)



- Red (41%)
- Yellow (50%)
- Blue (50%)



- Cyan (18%)
- Magenta (0%)
- Yellow (17%)
- Black (50%)



- Cyan (59%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1464, 19.4822, 16.5451 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 16.1464, 19.4822, 16.5451 by changing the saturation by 10% instead.

■ 16.1464, 19.4822,
16.5451

■ 16.1464, 19.4822,
16.5451

223.4575,
249.0980, 244.4917

■ 9.7193, 12.0192,
9.7522

■ 36.4076, 42.5473,
38.3218

■ 5.2741, 6.7568,
5.1315

■ 50.9724, 58.9183,
54.1427

■ 2.4454, 3.3105,
2.2645

■ 68.9804, 79.0273,
73.8101

■ 0.8678, 1.2959,
0.7113

■ 90.7972, 103.2589,
97.7423

■ 0.0000, 0.1380,
0.0000

116.7879,
131.9973, 126.3581

■ 0.0000, 0.0000,
0.0000

147.3179,

165.6271, 160.0759

182.7527,
204.5325, 199.3142

■ 16.1464, 19.4822,
16.5451

■ 16.1464, 19.4822,
16.5451

■ 14.1628, 18.5285,
13.3626

■ 18.4484, 20.5906,
20.2180

■ 12.4819, 17.7204,
10.6485

■ 21.0802, 21.8575,
24.3993

■ 11.0895, 17.0513,
8.3810

■ 24.0546, 23.2897,
29.1079

■ 9.9693, 16.5135,
6.5363

■ 27.3834, 24.8929,
34.3613

■ 9.1034, 16.0983,
5.0882

■ 31.0776, 26.6725,
40.1761

■ 8.4720, 15.7960,
4.0076

■ 35.1480, 28.6336,
46.5683

■ 8.0520, 15.5956,
3.2615

■ 39.6048, 30.7812,
53.5532

■ 7.7962, 15.4735,
2.8070

■ 44.4577, 33.1199,
61.1455

■ 7.7500, 15.4513,
2.7337

■ 49.7162, 35.6544,
69.3594

Harmonies

Analogous

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



17.2814, 19.4822, 14.2279



16.1464, 19.4822, 16.5451



15.6487, 19.4822, 20.3933

Triad

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



16.1464, 19.4822, 16.5451



18.2288, 19.4822, 31.1310



21.4275, 19.4822, 17.7938

Complementary

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



16.1464, 19.4822, 16.5451



17.7851, 16.2251, 22.2740

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.



21.7166, 19.4822, 22.0540



16.1464, 19.4822, 16.5451



19.8106, 19.4822, 30.1753

Square

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



16.1464, 19.4822, 16.5451



16.8063, 19.4822, 29.1372



21.1095, 19.4822, 26.6849



20.3406, 19.4822, 14.8737

Rectangle

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



16.1464, 19.4822, 16.5451



15.7235, 19.4822, 23.4776



21.1095, 19.4822, 26.6849



21.6237, 19.4822, 19.0986

Sweetspot

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



16.1469, 19.4830, 16.5455



33.7422, 36.8589, 37.6039



19.0570, 20.9892, 16.4118



7.8378, 8.5998, 8.7053



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.



16.1469, 19.4830, 16.5455



26.7754, 33.5063, 26.4829



16.7721, 19.7331, 19.8374



4.2830, 4.8215, 4.6617



7.6845, 15.3204, 2.7113



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.7851, 16.2251, 22.2740



30.2771, 26.5420, 38.7272



17.0912, 15.9476, 18.6197



4.4903, 4.4093, 5.3866



12.3372, 5.9546, 18.8973



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.1464, 19.4822, 16.5451 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 16.1464, 19.4822, 16.5451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

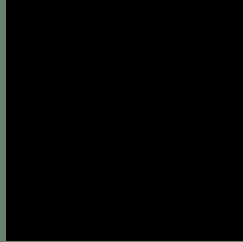
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.1464, 19.4822, 16.5451

Background



This preview shows how black text looks on a background with the XYZ color 16.1464, 19.4822, 16.5451.



This preview shows how white text looks on a background with the XYZ color 16.1464, 19.4822,

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

16.1464, 19.4822, 16.5451

Protanopia

18.3098, 19.4875, 15.6284

Deuteranopia

19.7155, 19.2943, 16.8724



Tritanopia

17.9411, 19.4515, 25.3632

Trichromacy



Original Color

16.1464, 19.4822, 16.5451

Protanomaly

17.4521, 19.4078, 15.9230

Deuteranomaly

18.2436, 19.2483, 16.6637

Tritanomaly

17.1560, 19.3106, 21.8919

Monochromacy



Original Color

16.1464, 19.4822, 16.5451

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.9362, 18.7114, 18.6386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1464, 19.4822, 16.5451 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(105, 128, 106)` looks like.

```
.text, #text, p{  
    color:rgb(105, 128, 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(105, 128, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 128, 106) }
```

Border

The CSS property to change the border of an element to XYZ 16.1464, 19.4822, 16.5451 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(105, 128, 106) }
```


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

```
.border{ border-color:rgb(105, 128, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 128, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 128, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 128, 106);  
box-shadow:4px 4px 4px 4px rgb(105, 128,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1464, 19.4822, 16.5451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 128, 106) }
```

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

```
.background{ background-color: rgb(105,  
128, 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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