

Converting Colors

XYZ(16.2400, 19.3256, 17.0616)

Have a look what the booklet for
XYZ(16.2400, 19.3256, 17.0616)
contains.

XYZ(16.2400, 19.3256, 17.0616)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.2400, 19.3256,
17.0616)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7F6C
RGB	106, 127, 108
RGB Percent	42%, 50%, 42%
CMY	0.5843, 0.5019, 0.5765
CMYK	0.17, 0.00, 0.15, 0.50
HSL	126°, 9%, 46%
HSV	126°, 17%, 50%
XYZ	16.2400, 19.3256, 17.0616
YIQ	118.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

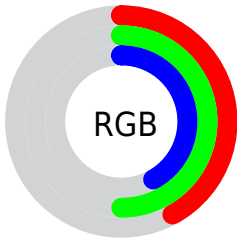
Format	Color
RYB	106, 125, 127
Decimal	6979436
CIELab	51.07, -11.63, 7.81
CIELCh	51, 14.005, 146.121
Yxy	19.3256, 0.3086, 0.3672
Android (android.graphics.Color)	4285169516 (0xFF6A7F6C)
YUV	118.5550, -5.2036, -11.0107
Hunter-Lab	43.9609, -10.9902, 7.7617

Details

The XYZ color **16.2400, 19.3256, 17.0616** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6088, 16.3012, 21.6213**, and the grayscale version is **17.4119, 18.3186, 19.9490**.

A 20% lighter version of the original color is **36.4839, 42.3138, 39.0454**, and **5.3116, 6.6852, 5.4253** is the 20% darker color. If you saturate the color by 10%, you get **14.2693, 18.3763, 13.9848**, and if you desaturate by 10%, it is **18.5159, 20.4241, 20.5744**.

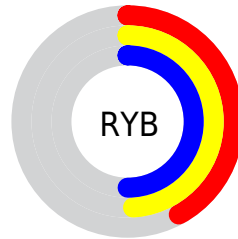
Distribution



Red (42%)

Green (50%)

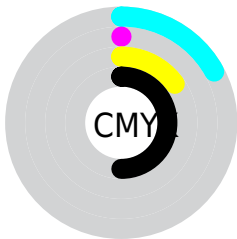
Blue (42%)



Red (42%)

Yellow (49%)

Blue (50%)

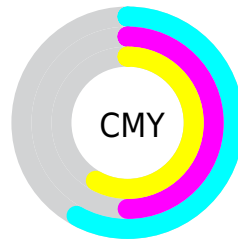


Cyan (17%)

Magenta (0%)

Yellow (15%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2400, 19.3256, 17.0616 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 16.2400, 19.3256, 17.0616 by changing the saturation by 10% instead.

■ 16.2400, 19.3256,
17.0616

■ 16.2400, 19.3256,
17.0616

223.9964,
248.2404, 247.5831

■ 9.7861, 11.9058,
10.1160

■ 36.5684, 42.2836,
39.2238

■ 5.3185, 6.6796,
5.3693

■ 51.1737, 58.5905,
55.2774

■ 2.4720, 3.2625,
2.4030

■ 69.2267, 78.6286,
75.2041

■ 0.8812, 1.2703,
0.7881

■ 91.0929, 102.7823,
99.4225

■ 0.0000, 0.1180,
0.0000

117.1376,
131.4359, 128.3510

■ 0.0000, 0.0000,
0.0000

147.7262,

164.9739, 162.4083

183.2240,
203.7806, 202.0128

■ 16.2400, 19.3256,
17.0616

■ 16.2400, 19.3256,
17.0616

■ 14.2693, 18.3763,
13.9848

■ 18.5159, 20.4241,
20.5744

■ 12.5894, 17.5674,
11.3257

■ 21.1077, 21.6751,
24.5378

■ 11.1869, 16.8929,
9.0666

■ 24.0272, 23.0852,
28.9675

■ 10.0468, 16.3456,
7.1883

■ 27.2855, 24.6596,
33.8779

■ 9.1527, 15.9173,
5.6698

■ 30.8929, 26.4034,
39.2830

■ 8.4864, 15.5993,
4.4880

■ 34.8594, 28.3214,
45.1960

■ 8.0271, 15.3813,
3.6173

■ 39.1946, 30.4183,
51.6297

■ 7.7389, 15.2455,
3.0279

■ 43.9076, 32.6987,
58.5965

■ 7.6567, 15.2062,
2.8824

■ 49.0073, 35.1667,
66.1083

Harmonies

Analogous

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



17.2180, 19.3256, 14.8970



16.2400, 19.3256, 17.0616



15.8316, 19.3256, 20.5293

Triad

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



16.2400, 19.3256, 17.0616



18.1884, 19.3256, 29.6292



20.8711, 19.3256, 17.8525

Complementary

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



16.2400, 19.3256, 17.0616



17.6088, 16.3012, 21.6213

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.



21.1627, 19.3256, 21.5638



16.2400, 19.3256, 17.0616



19.5690, 19.3256, 28.6805

Square

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



16.2400, 19.3256, 17.0616



16.9201, 19.3256, 28.0494



20.6751, 19.3256, 25.5985



19.8971, 19.3256, 15.3117

Rectangle

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



16.2400, 19.3256, 17.0616



15.9213, 19.3256, 23.2374



20.6751, 19.3256, 25.5985



21.0542, 19.3256, 18.9900

Sweetspot

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



16.2405, 19.3264, 17.0620



33.7791, 36.8736, 37.7984



18.6857, 20.5991, 16.6271



7.8474, 8.6036, 8.7557



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.



16.2405, 19.3264, 17.0620



27.6273, 33.9063, 28.2905



16.8187, 19.5577, 20.1067



4.2914, 4.8249, 4.7057



7.7213, 15.3351, 2.9054



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.6088, 16.3012, 21.6213



30.5808, 27.3755, 38.1317



16.9872, 16.0526, 18.3480



4.4811, 4.4056, 5.3378



11.9422, 5.7966, 16.8174



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2400, 19.3256, 17.0616 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 16.2400, 19.3256, 17.0616 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 16.2400, 19.3256, 17.0616

Background



This preview shows how black text looks on a background with the XYZ color 16.2400, 19.3256, 17.0616.

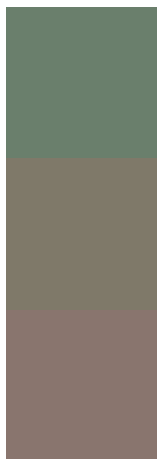


This preview shows how white text looks on a background with the XYZ color 16.2400, 19.3256,

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

16.2400, 19.3256, 17.0616

Protanopia

18.1396, 19.2067, 16.1158

Deuteranopia

19.4923, 19.1667, 17.4240



Tritanopia

17.7470, 19.1744, 24.9560

Trichromacy



Original Color

16.2400, 19.3256, 17.0616

Protanomaly

17.2922, 19.1285, 16.4164

Deuteranomaly

18.2019, 19.2145, 17.2174

Tritanomaly

17.1524, 19.1217, 21.8556

Monochromacy



Original Color

16.2400, 19.3256, 17.0616

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.9935, 18.7343, 18.9401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2400, 19.3256, 17.0616 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, 127, 108)` looks like.

```
.text, #text, p{  
    color:rgb(106, 127, 108)  
}
```

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, 127, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 127, 108) }
```

Border

The CSS property to change the border of an element to XYZ 16.2400, 19.3256, 17.0616 is called "border". The border property can be set on classes, ids or directly on the HTML element.

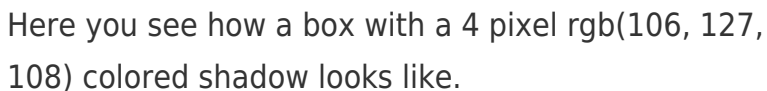
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 127, 108) }
```


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

```
.border{ border-color:rgb(106, 127, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 127, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 127, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 127, 108);  
box-shadow:4px 4px 4px 4px rgb(106, 127,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2400, 19.3256, 17.0616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 127, 108) }
```

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

```
.background{ background-color: rgb(106,  
127, 108) }
```

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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