

Converting Colors

XYZ(16.0198, 19.0351, 16.8718)

Have a look what the booklet for
XYZ(16.0198, 19.0351, 16.8718)
contains.

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Color

**XYZ(15.9404, 18.9865,
16.7345)**

Conversions

Conversions Part 1

Format	Color
Hex	697E6B
RGB	105, 126, 107
RGB Percent	41%, 49%, 42%
CMY	0.5882, 0.5059, 0.5804
CMYK	0.17, 0.00, 0.15, 0.51
HSL	126°, 9%, 45%
HSV	126°, 17%, 49%
XYZ	15.9404, 18.9865, 16.7345
YIQ	117.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

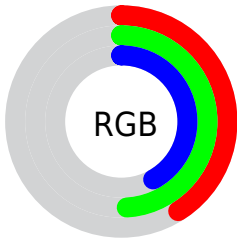
Format	Color
RYB	105, 124, 126
Decimal	6913643
CIELab	50.67, -11.64, 7.82
CIELCh	51, 14.025, 146.113
Yxy	18.9865, 0.3086, 0.3675
Android (android.graphics.Color)	4285103723 (0xFF697E6B)
YUV	117.5550, -5.2036, -11.0107
Hunter-Lab	43.5735, -10.9534, 7.7310

Details

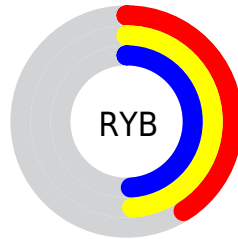
The XYZ color **15.9404, 18.9865, 16.7345** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2945, 15.9945, 21.2454**, and the grayscale version is **17.0985, 17.9889, 19.5899**.

A 20% lighter version of the original color is **36.0020, 41.7767, 38.5140**, and **5.2144, 6.5335, 5.2612** is the 20% darker color. If you saturate the color by 10%, you get **14.0080, 18.0556, 13.7169**, and if you desaturate by 10%, it is **18.1723, 20.0637, 20.1797**.

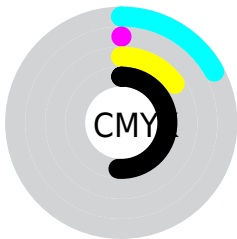
Distribution



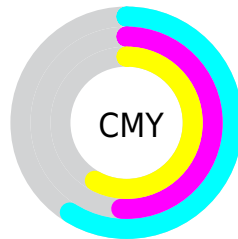
- Red (41%)
- Green (49%)
- Blue (42%)



- Red (41%)
- Yellow (49%)
- Blue (49%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (51%)



- Cyan (59%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9404, 18.9865, 16.7345 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 15.9404, 18.9865, 16.7345 by changing the saturation by 10% instead.

■ 15.9404, 18.9865,
16.7345

■ 15.9404, 18.9865,
16.7345

222.2671,
246.3742, 245.6296

■ 9.5726, 11.6605,
9.8854

■ 36.0530, 41.7113,
38.6531

■ 5.1766, 6.5130,
5.2184

■ 50.5285, 57.8789,
54.5597

■ 2.3871, 3.1594,
2.3150

■ 68.4372, 77.7625,
74.3226

■ 0.8387, 1.2155,
0.7396

■ 90.1445, 101.7465,
98.3602

■ 0.0000, 0.0743,
0.0000

116.0158,
130.2152, 127.0912

■ 0.0000, 0.0000,
0.0000

146.4164,

163.5532, 160.9341

181.7117,
202.1447, 200.3074

■ 15.9404, 18.9865,
16.7345

■ 15.9404, 18.9865,
16.7345

■ 14.0080, 18.0556,
13.7169

■ 18.1723, 20.0637,
20.1797

■ 12.3607, 17.2625,
11.1092

■ 20.7140, 21.2906,
24.0671

■ 10.9857, 16.6012,
8.8939

■ 23.5774, 22.6735,
28.4119

■ 9.8680, 16.0646,
7.0522

■ 26.7731, 24.2176,
33.2285

■ 8.9917, 15.6449,
5.5634

■ 30.3113, 25.9280,
38.5303

■ 8.3389, 15.3333,
4.4049

■ 34.2017, 27.8092,
44.3304

■ 7.8889, 15.1198,
3.5516

■ 38.4539, 29.8660,
50.6414

■ 7.6058, 14.9863,
2.9741

■ 43.0768, 32.1027,
57.4754

■ 7.5276, 14.9490,
2.8365

■ 48.0791, 34.5236,
64.8442

Harmonies

Analogous

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



16.9080, 18.9865, 14.5956



15.9404, 18.9865, 16.7345



15.5363, 18.9865, 20.1643

Triad

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



15.9404, 18.9865, 16.7345



17.8676, 18.9865, 29.1790



20.5241, 18.9865, 17.5182

Complementary

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



15.9404, 18.9865, 16.7345



17.2945, 15.9945, 21.2454

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.



20.8126, 18.9865, 21.1903



15.9404, 18.9865, 16.7345



19.2342, 18.9865, 28.2393

Square

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



15.9404, 18.9865, 16.7345



16.6126, 18.9865, 27.6124



20.3295, 18.9865, 25.1857



19.5597, 18.9865, 15.0062

Rectangle

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



15.9404, 18.9865, 16.7345



15.6249, 18.9865, 22.8450



20.3295, 18.9865, 25.1857



20.7054, 18.9865, 18.6433

Sweetspot

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



15.9409, 18.9873, 16.7349



32.6432, 35.6321, 36.5285



18.3598, 20.2463, 16.3051



7.3695, 8.0782, 8.2236



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.



15.9409, 18.9873, 16.7349



26.7048, 32.7677, 27.3505



16.5128, 19.2160, 19.7462



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.



17.2945, 15.9945, 21.2454



29.5558, 26.4636, 36.8500



16.6794, 15.7484, 18.0062



4.4811, 4.4056, 5.3378



11.9422, 5.7966, 16.8173



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9404, 18.9865, 16.7345 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 15.9404, 18.9865, 16.7345 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 15.9404, 18.9865, 16.7345

Background



This preview shows how black text looks on a background with the XYZ color 15.9404, 18.9865, 16.7345.

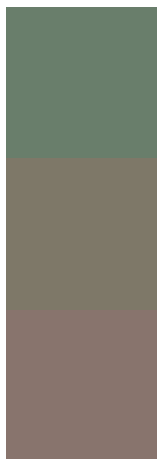


This preview shows how white text looks on a background with the XYZ color 15.9404, 18.9865,

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

15.9404, 18.9865, 16.7345

Protanopia

17.8193, 18.8680, 15.7994

Deuteranopia

19.1591, 18.8291, 17.0926



Tritanopia

17.4311, 18.8362, 24.5468

Trichromacy



Original Color

15.9404, 18.9865, 16.7345

Protanomaly

16.9805, 18.7905, 16.0966

Deuteranomaly

17.8807, 18.8756, 16.8883

Tritanomaly

16.8425, 18.7841, 21.4769

Monochromacy



Original Color

15.9404, 18.9865, 16.7345

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.6847, 18.4004, 18.5918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9404, 18.9865, 16.7345 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, 126, 107)` looks like.

```
.text, #text, p{  
    color:rgb(105, 126, 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(105, 126, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 126, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.9404, 18.9865, 16.7345 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, 126, 107) }
```


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

```
.border{ border-color:rgb(105, 126, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 126, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 126, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 126, 107);  
box-shadow:4px 4px 4px 4px rgb(105, 126,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9404, 18.9865, 16.7345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 126, 107) }
```

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

```
.background{ background-color: rgb(105,  
126, 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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