

Converting Colors

XYZ(13.6606, 16.5203, 16.3491)

Have a look what the booklet for
XYZ(13.6606, 16.5203, 16.3491)
contains.

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Color

**XYZ(13.6643, 16.5305,
16.3804)**

Conversions

Conversions Part 1

Format	Color
Hex	5C776B
RGB	92, 119, 107
RGB Percent	36%, 47%, 42%
CMY	0.6392, 0.5333, 0.5804
CMYK	0.23, 0.00, 0.10, 0.53
HSL	153°, 13%, 41%
HSV	153°, 23%, 47%
XYZ	13.6643, 16.5305, 16.3804
YIQ	109.5590, -12.2400, -9.4560

Conversions

Conversions Part 2

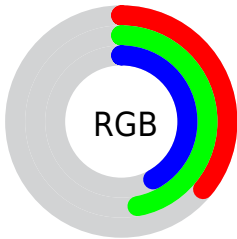
Format	Color
R _Y B	92, 109, 119
Decimal	6059883
CIE Lab	47.66, -12.48, 3.39
CIE LCh	48, 12.932, 164.785
Yxy	16.5305, 0.2934, 0.3549
Android (android.graphics.Color)	4284249963 (0xFF5C776B)
YUV	109.5590, -1.2616, -15.3992
Hunter-Lab	40.6577, -11.1605, 4.5733

Details

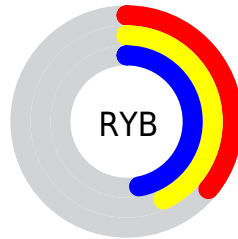
The XYZ color **13.6643, 16.5305, 16.3804** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.9342, 12.5761, 14.7905**, and the grayscale version is **14.7012, 15.4668, 16.8433**.

A 20% lighter version of the original color is **32.0622, 37.4341, 37.8834**, and **4.1510, 5.3906, 5.0967** is the 20% darker color. If you saturate the color by 10%, you get **12.2979, 15.8577, 14.9081**, and if you desaturate by 10%, it is **15.2354, 17.3078, 17.9519**.

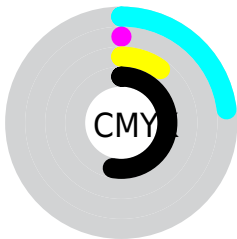
Distribution



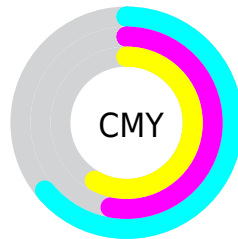
- Red (36%)
- Green (47%)
- Blue (42%)



- Red (36%)
- Yellow (43%)
- Blue (47%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6643, 16.5305, 16.3804 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 13.6643, 16.5305, 16.3804 by changing the saturation by 10% instead.

■ 13.6643, 16.5305,
16.3804

■ 13.6643, 16.5305,
16.3804

208.6850,
232.4521, 243.4979

■ 7.9677, 9.9003,
9.6365

■ 32.0834, 37.5168,
38.0333

■ 4.1259, 5.3329,
5.0562

■ 45.5367, 52.6416,
53.7793

■ 1.7736, 2.4439,
2.2209

■ 62.3062, 71.3668,
73.3631

■ 0.5017, 0.8483,
0.6864

■ 82.7573, 94.0768,
97.2033

■ 0.0000, 0.0000,
0.0000

107.2554,
121.1559, 125.7183

136.1658,

152.9886, 159.3267

169.8539,
189.9592, 198.4471

■ 13.6643, 16.5305,
16.3804

■ 13.6643, 16.5305,
16.3804

■ 12.2979, 15.8577,
14.9081

■ 15.2354, 17.3078,
17.9519

■ 11.1258, 15.2828,
13.5319

■ 17.0183, 18.1917,
19.6233

■ 10.1389, 14.8013,
12.2500

■ 19.0214, 19.1872,
21.3970

■ 9.3265, 14.4080,
11.0604

■ 21.2522, 20.2979,
23.2747

■ 8.6769, 14.0968,
9.9607

■ 23.7178, 21.5276,
25.2582

■ 8.1770, 13.8610,
8.9485

■ 26.4250, 22.8798,
27.3493

■ 7.8107, 13.6923,
8.0213

■ 29.3805, 24.3578,
29.5495

■ 7.5837, 13.5889,
7.3941

■ 32.5905, 25.9648,
31.8605

■ 36.0611, 27.7039,
34.2840

Harmonies

Analogous

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



14.1983, 16.5305, 13.8507



13.6643, 16.5305, 16.3804



13.6604, 16.5305, 19.6716

Triad

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



13.6643, 16.5305, 16.3804



16.2854, 16.5305, 24.8772



17.3417, 16.5305, 13.8791

Complementary

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



13.6643, 16.5305, 16.3804



13.9342, 12.5761, 14.7905

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.



17.9589, 16.5305, 16.4238



13.6643, 16.5305, 16.3804



17.3291, 16.5305, 22.9022

Square

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



13.6643, 16.5305, 16.3804



15.1359, 16.5305, 24.8619



17.9541, 16.5305, 19.7207



16.3020, 16.5305, 12.5317

Rectangle

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



13.6643, 16.5305, 16.3804



13.9571, 16.5305, 21.8776



17.9541, 16.5305, 19.7207



17.6076, 16.5305, 14.6081

Sweetspot

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



13.6648, 16.5312, 16.3808



28.9930, 31.8402, 33.7726



14.2555, 16.9191, 12.6398



6.8394, 7.5301, 7.9741



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.6648, 16.5312, 16.3808



23.2012, 28.9764, 27.9928



14.1813, 16.4825, 19.8876



3.7178, 4.1291, 4.3480



8.0520, 14.4348, 7.8298



38.8018, 70.1680, 35.8571

Inverse Universe

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



13.9342, 12.5761, 14.7905



23.7701, 20.6288, 24.6375



13.4852, 12.5853, 11.8439



3.7453, 3.7254, 4.1856



8.7582, 4.4370, 3.9349



42.2620, 21.4549, 16.9749

Previews

White Background



This preview shows how the XYZ color 13.6643, 16.5305, 16.3804 looks on a white 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

Black Background



This preview shows how the XYZ color 13.6643, 16.5305, 16.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

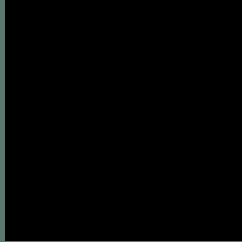
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.6643, 16.5305, 16.3804

Background



This preview shows how black text looks on a background with the XYZ color 13.6643, 16.5305, 16.3804.

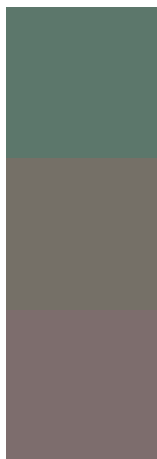


This preview shows how white text looks on a background with the XYZ color 13.6643, 16.5305,

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

13.6643, 16.5305, 16.3804

Protanopia

15.5785, 16.3495, 15.1667

Deuteranopia

16.6864, 16.4014, 16.7543



Tritanopia

14.8352, 16.4839, 22.1385

Trichromacy



Original Color

13.6643, 16.5305, 16.3804

Protanomaly

14.8138, 16.4491, 15.4909

Deuteranomaly

15.4220, 16.4037, 16.5408

Tritanomaly

14.4104, 16.4874, 19.8756

Monochromacy



Original Color

13.6643, 16.5305, 16.3804

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.2590, 15.7979, 16.7658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6643, 16.5305, 16.3804 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(92, 119, 107)` looks like.

```
.text, #text, p{  
    color:rgb(92, 119, 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(92, 119, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 119, 107) }
```

Border

The CSS property to change the border of an element to XYZ 13.6643, 16.5305, 16.3804 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(92, 119, 107) }
```


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

```
.border{ border-color:rgb(92, 119, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 119, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 119, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 119, 107); box-shadow:4px 4px 4px 4px rgb(92, 119, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6643, 16.5305, 16.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 119, 107) }
```

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

```
.background{ background-color: rgb(92, 119,  
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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