

Converting Colors

XYZ(13.3938, 15.8924, 16.6800)

Have a look what the booklet for
XYZ(13.3938, 15.8924, 16.6800)
contains.

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Color

**XYZ(13.3658, 15.8488,
16.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	5C746C
RGB	92, 116, 108
RGB Percent	36%, 45%, 42%
CMY	0.6392, 0.5451, 0.5765
CMYK	0.21, 0.00, 0.07, 0.55
HSL	160°, 12%, 41%
HSV	160°, 21%, 45%
XYZ	13.3658, 15.8488, 16.5420
YIQ	107.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

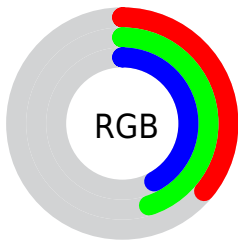
Format	Color
R_{YB}	92, 106, 116
Decimal	6059116
CIE _{Lab}	46.78, -10.57, 1.52
CIE _{LCh}	47, 10.683, 171.846
Yxy	15.8488, 0.2921, 0.3464
Android (android.graphics.Color)	4284249196 (0xFF5C746C)
YUV	107.9120, 0.0434, -13.9548
Hunter-Lab	39.8106, -9.7397, 3.2313

Details

The XYZ color **13.3658, 15.8488, 16.5420** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3304, 12.2878, 13.7265**, and the grayscale version is **14.2318, 14.9730, 16.3056**.

A 20% lighter version of the original color is **31.5883, 36.3481, 38.1519**, and **3.9916, 5.0291, 5.1752** is the 20% darker color. If you saturate the color by 10%, you get **12.0934, 15.2165, 15.4320**, and if you desaturate by 10%, it is **14.8257, 16.5775, 17.7092**.

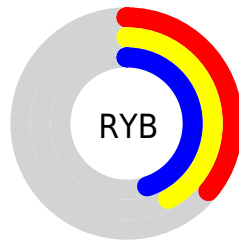
Distribution



Red (36%)

Green (45%)

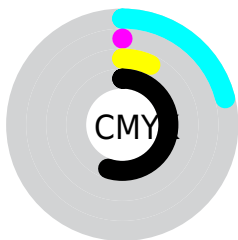
Blue (42%)



Red (36%)

Yellow (42%)

Blue (45%)

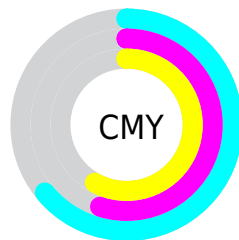


Cyan (21%)

Magenta (0%)

Yellow (7%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3658, 15.8488, 16.5420 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 13.3658, 15.8488, 16.5420 by changing the saturation by 10% instead.

■ 13.3658, 15.8488,
16.5420

■ 13.3658, 15.8488,
16.5420

206.8395,
228.4479, 244.4730

■ 7.7596, 9.4172,
9.7500

■ 31.5552, 36.3355,
38.3164

■ 3.9920, 5.0143,
5.1301

■ 44.8691, 51.1594,
54.1359

■ 1.6976, 2.2557,
2.2637

■ 61.4830, 69.5496,
73.8017

■ 0.4548, 0.7501,
0.7108

■ 81.7622, 91.8904,
97.7322

■ 0.0000, 0.0000,
0.0000

106.0721,
118.5662, 126.3460

134.7781,

149.9615, 160.0618

168.2454,
186.4606, 199.2979

■ 13.3658, 15.8488,
16.5420

■ 13.3658, 15.8488,
16.5420

■ 12.0934, 15.2165,
15.4320

■ 14.8257, 16.5775,
17.7092

■ 10.9990, 14.6746,
14.3770

■ 16.4795, 17.4047,
18.9333

■ 10.0742, 14.2190,
13.3764

■ 18.3347, 18.3346,
20.2158

■ 9.3095, 13.8450,
12.4291

■ 20.3983, 19.3709,
21.5575

■ 8.6945, 13.5471,
11.5340

■ 22.6766, 20.5167,
22.9592

■ 8.2171, 13.3192,
10.6898

■ 25.1760, 21.7755,
24.4218

■ 7.8636, 13.1542,
9.8952

■ 27.9024, 23.1501,
25.9462

■ 7.5969, 13.0318,
9.1972

■ 30.8616, 24.6435,
27.5331

■ 34.0590, 26.2586,
29.1833

Harmonies

Analogous

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



13.7039, 15.8488, 14.2885



13.3658, 15.8488, 16.5420



13.4677, 15.8488, 19.2287

Triad

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



13.3658, 15.8488, 16.5420



15.7375, 15.8488, 22.4472



16.1931, 15.8488, 13.5424

Complementary

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



13.3658, 15.8488, 16.5420



13.3304, 12.2878, 13.7265

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.



16.7813, 15.8488, 15.4242



13.3658, 15.8488, 16.5420



16.5108, 15.8488, 20.6097

Square

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



13.3658, 15.8488, 16.5420



14.8122, 15.8488, 22.8250



16.8999, 15.8488, 17.9916



15.3183, 15.8488, 12.6767

Rectangle

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



13.3658, 15.8488, 16.5420



13.7734, 15.8488, 20.8949



16.8999, 15.8488, 17.9916



16.4324, 15.8488, 14.0673

Sweetspot

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



13.3662, 15.8495, 16.5424



27.3360, 29.7769, 32.0921



13.4776, 15.9964, 12.5027



6.4885, 7.0872, 7.6315



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.3662, 15.8495, 16.5424



22.3484, 27.2889, 28.1002



13.4049, 15.2137, 18.7538



3.7339, 4.1355, 4.4325



8.5163, 14.6205, 10.2750



41.0914, 71.0838, 47.9141

Inverse Universe

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



13.3304, 12.2878, 13.7265



22.2735, 19.7912, 22.1747



13.2812, 12.7791, 11.8921



3.7297, 3.7191, 4.1032



8.4797, 4.3256, 2.4681



40.9620, 20.9349, 10.1291

Previews

White Background



This preview shows how the XYZ color 13.3658, 15.8488, 16.5420 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 13.3658, 15.8488, 16.5420 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

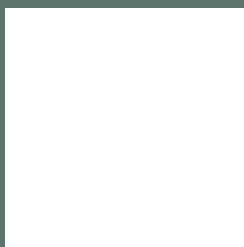
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.3658, 15.8488, 16.5420

Background



This preview shows how black text looks on a background with the XYZ color 13.3658, 15.8488, 16.5420.



This preview shows how white text looks on a background with the XYZ color 13.3658, 15.8488,

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

13.3658, 15.8488, 16.5420

Protanopia

15.0652, 15.7492, 15.6105

Deuteranopia

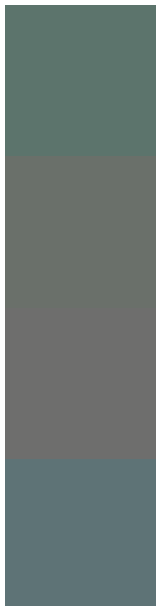
15.9573, 15.7061, 16.9424



Tritanopia

14.3118, 15.8976, 21.0531

Trichromacy



Original Color

13.3658, 15.8488, 16.5420

Protanomaly

14.3395, 15.6931, 15.9090

Deuteranomaly

14.7667, 15.5710, 16.6952

Tritanomaly

14.0168, 15.9492, 19.4793

Monochromacy



Original Color

13.3658, 15.8488, 16.5420

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.8707, 15.2764, 16.4049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3658, 15.8488, 16.5420 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, 116, 108) looks like.

```
.text, #text, p{  
    color:rgb(92, 116, 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(92, 116, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 116, 108) }
```

Border

The CSS property to change the border of an element to XYZ 13.3658, 15.8488, 16.5420 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, 116, 108) }
```


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

```
.border{ border-color:rgb(92, 116, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 116, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 116, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 116, 108);  
box-shadow:4px 4px 4px 4px rgb(92, 116,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3658, 15.8488, 16.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 116, 108) }
```

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

```
.background{ background-color: rgb(92, 116,  
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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