

Converting Colors

XYZ(15.3824, 17.0460, 17.3461)

Have a look what the booklet for
XYZ(15.3824, 17.0460, 17.3461)
contains.

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Color

**XYZ(15.3601, 17.0365,
17.2307)**

Conversions

Conversions Part 1

Format	Color
Hex	6C756E
RGB	108, 117, 110
RGB Percent	42%, 46%, 43%
CMY	0.5765, 0.5412, 0.5686
CMYK	0.08, 0.00, 0.06, 0.54
HSL	133°, 4%, 44%
HSV	133°, 8%, 46%
XYZ	15.3601, 17.0365, 17.2307
YIQ	113.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

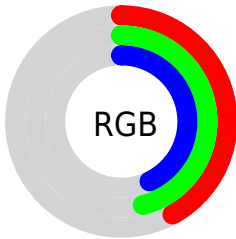
Format	Color
R_{YB}	108, 115, 117
Decimal	7107950
CIE Lab	48.31, -4.83, 2.69
CIE LCh	48, 5.534, 150.880
Yxy	17.0365, 0.3095, 0.3433
Android (android.graphics.Color)	4285298030 (0xFF6C756E)
YUV	113.5110, -1.7309, -4.8331
Hunter-Lab	41.2753, -5.8052, 4.1416

Details

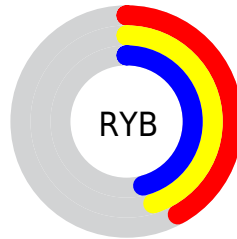
The XYZ color **15.3601, 17.0365, 17.2307** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7938, 15.7452, 18.4271**, and the grayscale version is **15.8540, 16.6797, 18.1642**.

A 20% lighter version of the original color is **35.0076, 38.3555, 39.7407**, and **4.9498, 5.6072, 5.5240** is the 20% darker color. If you saturate the color by 10%, you get **13.5613, 16.1640, 14.6916**, and if you desaturate by 10%, it is **17.4018, 18.0293, 20.0476**.

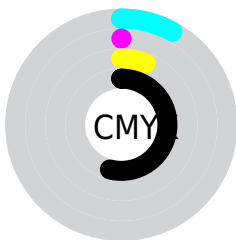
Distribution



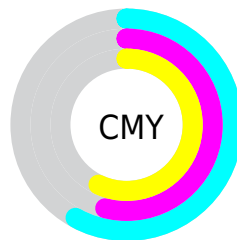
- Red (42%)
- Green (46%)
- Blue (43%)



- Red (42%)
- Yellow (45%)
- Blue (46%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (54%)



- Cyan (58%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3601, 17.0365, 17.2307 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 15.3601, 17.0365, 17.2307 by changing the saturation by 10% instead.

■ 15.3601, 17.0365,
17.2307

■ 15.3601, 17.0365,
17.2307

218.8810,
235.3826, 248.5871

■ 9.1605, 10.2605,
10.2354

■ 35.0502, 38.3885,
39.5181

■ 4.9039, 5.5720,
5.4477

■ 49.2713, 53.7333,
55.6473

■ 2.2252, 2.5866,
2.4490

■ 66.8970, 72.7032,
75.6581

■ 0.7560, 0.9200,
0.8129

■ 88.2926, 95.6826,
99.9693

■ 0.0000, 0.0000,
0.0000

113.8234,
123.0558, 128.9992

143.8549,

155.2073, 163.1665

178.7523,
192.5215, 202.8896

■ 15.3601, 17.0365,
17.2307

■ 15.3601, 17.0365,
17.2307

■ 13.5613, 16.1640,
14.6916

■ 17.4018, 18.0293,
20.0476

■ 11.9948, 15.4051,
12.4208

■ 19.6936, 19.1445,
23.1491

■ 10.6515, 14.7557,
10.4097

■ 22.2440, 20.3868,
26.5434

■ 9.5210, 14.2107,
8.6491

■ 25.0609, 21.7601,
30.2379

■ 8.5921, 13.7645,
7.1292

■ 28.1517, 23.2681,
34.2398

■ 7.8527, 13.4112,
5.8394

■ 31.5237, 24.9144,
38.5559

■ 7.2892, 13.1438,
4.7685

■ 35.1837, 26.7023,
43.1930

■ 6.8860, 12.9546,
3.9041

■ 39.1383, 28.6352,
48.1575

■ 6.6062, 12.8249,
3.2320

■ 43.3941, 30.7163,
53.4557

Harmonies

Analogous

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



15.7000, 17.0365, 16.2666



15.3601, 17.0365, 17.2307



15.2422, 17.0365, 18.5925

Triad

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



15.3601, 17.0365, 17.2307



16.2076, 17.0365, 21.4681



17.0394, 17.0365, 17.1605

Complementary

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



15.3601, 17.0365, 17.2307



15.7938, 15.7452, 18.4271

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.



17.1819, 17.0365, 18.5072



15.3601, 17.0365, 17.2307



16.6956, 17.0365, 21.0373

Square

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



15.3601, 17.0365, 17.2307



15.7253, 17.0365, 21.0837



17.0548, 17.0365, 19.9347



16.6693, 17.0365, 16.2276

Rectangle

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



15.3601, 17.0365, 17.2307



15.3033, 17.0365, 19.5575



17.0548, 17.0365, 19.9347



17.1159, 17.0365, 17.5774

Sweetspot

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



15.3606, 17.0372, 17.2311



29.5130, 31.4828, 33.6379



16.1455, 17.4543, 16.7056



6.7990, 7.2450, 7.7524



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.



15.3606, 17.0372, 17.2311



26.9814, 30.2530, 30.1227



15.6091, 17.1366, 18.5399



3.6709, 4.1103, 4.1008



7.2089, 14.0976, 3.3901



34.8569, 68.5900, 15.0833

Inverse Universe

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



15.7938, 15.7452, 18.4271



27.9030, 27.5043, 32.6672



15.5437, 15.6452, 17.1103



3.7935, 3.7447, 4.4393



10.1576, 4.9967, 11.3038



49.1679, 24.2173, 53.3408

Previews

White Background



This preview shows how the XYZ color 15.3601, 17.0365, 17.2307 looks on a white background.

Color Contrast Check

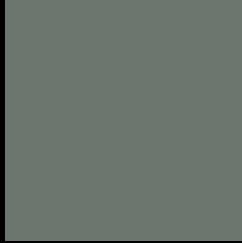
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3601, 17.0365, 17.2307 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

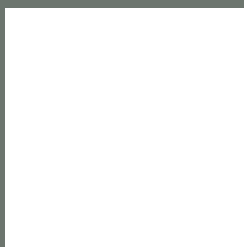
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3601, 17.0365, 17.2307

Background



This preview shows how black text looks on a background with the XYZ color 15.3601, 17.0365, 17.2307.



This preview shows how white text looks on a background with the XYZ color 15.3601, 17.0365,

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

15.3601, 17.0365, 17.2307

Protanopia

16.1953, 16.9689, 16.6091

Deuteranopia

17.3061, 17.0286, 17.4136



Tritanopia

16.1992, 17.0317, 21.5024

Trichromacy



Original Color

15.3601, 17.0365, 17.2307

Protanomaly

15.8305, 16.9430, 16.9040

Deuteranomaly

16.5201, 16.9510, 17.4401

Tritanomaly

15.8818, 17.0739, 19.9113

Monochromacy



Original Color

15.3601, 17.0365, 17.2307

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7935, 16.8985, 18.0521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3601, 17.0365, 17.2307 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(108, 117, 110)` looks like.

```
.text, #text, p{  
    color:rgb(108, 117, 110)  
}
```

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(108, 117, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 117, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.3601, 17.0365, 17.2307 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(108, 117, 110) }
```


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

```
.border{ border-color:rgb(108, 117, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 117, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 117, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 117, 110); box-shadow:4px 4px 4px 4px rgb(108, 117, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3601, 17.0365, 17.2307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 117, 110) }
```

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

```
.background{ background-color: rgb(108,  
117, 110) }
```

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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