

Converting Colors

XYZ(16.0442, 17.1451, 17.6099)

Have a look what the booklet for
XYZ(16.0442, 17.1451, 17.6099)
contains.

XYZ(16.0541, 17.2159, 17.5158)	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(16.0541, 17.2159,
17.5158)**

Conversions

Conversions Part 1

Format	Color
Hex	72746F
RGB	114, 116, 111
RGB Percent	45%, 45%, 44%
CMY	0.5529, 0.5451, 0.5647
CMYK	0.02, 0.00, 0.04, 0.55
HSL	84°, 2%, 45%
HSV	84°, 4%, 45%
XYZ	16.0541, 17.2159, 17.5158
YIQ	114.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

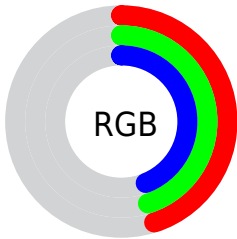
Format	Color
R _Y B	111, 116, 113
Decimal	7500911
CIE Lab	48.53, -1.76, 2.49
CIE LCh	49, 3.049, 125.320
Yxy	17.2159, 0.3161, 0.3390
Android (android.graphics.Color)	4285690991 (0xFF72746F)
YUV	114.8320, -1.8892, -0.7297
Hunter-Lab	41.4920, -3.5459, 4.0153

Details

The XYZ color **16.0541, 17.2159, 17.5158** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6475, 16.1410, 18.8147**, and the grayscale version is **16.2507, 17.0970, 18.6186**.

A 20% lighter version of the original color is **36.3394, 38.7566, 40.2158**, and **5.2111, 5.6514, 5.5188** is the 20% darker color. If you saturate the color by 10%, you get **14.8679, 16.6740, 14.3398**, and if you desaturate by 10%, it is **17.3549, 17.8083, 21.1309**.

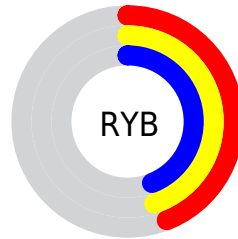
Distribution



Red (45%)

Green (45%)

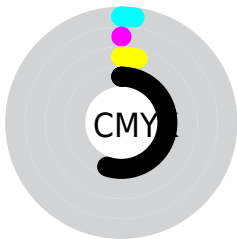
Blue (44%)



Red (44%)

Yellow (45%)

Blue (44%)

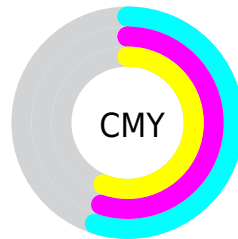


Cyan (2%)

Magenta (0%)

Yellow (4%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0541, 17.2159, 17.5158 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 16.0541, 17.2159, 17.5158 by changing the saturation by 10% instead.

■ 16.0541, 17.2159,
17.5158

■ 16.0541, 17.2159,
17.5158

222.9249,
236.4135, 250.2713

■ 9.6535, 10.3885,
10.4371

■ 36.2488, 38.6966,
40.0132

■ 5.2303, 5.6573,
5.5803

■ 50.7736, 54.1188,
56.2691

■ 2.4192, 2.6379,
2.5270

■ 68.7373, 73.1746,
76.4210

■ 0.8547, 0.9457,
0.8544

■ 90.5050, 96.2486,
100.8876

■ 0.0000, 0.0000,
0.0000

116.4423,
123.7251, 130.0874

146.9145,

155.9884, 164.4389

182.2869,
193.4231, 204.3607

■ 16.0541, 17.2159,
17.5158

■ 16.0541, 17.2159,
17.5158

■ 14.8679, 16.6740,
14.3398

■ 17.3549, 17.8083,
21.1309

■ 13.7913, 16.1788,
11.5852

■ 18.7723, 18.4504,
25.1999

■ 12.8208, 15.7295,
9.2344

■ 20.3100, 19.1443,
29.7381

■ 11.9524, 15.3245,
7.2684

■ 21.9713, 19.8913,
34.7600

■ 11.1818, 14.9619,
5.6667

■ 23.7591, 20.6926,
40.2791

■ 10.5041, 14.6397,
4.4066

■ 25.6763, 21.5495,
46.3088

■ 9.9140, 14.3558,
3.4633

■ 27.7258, 22.4631,
52.8617

■ 9.4058, 14.1077,
2.8081

■ 29.9102, 23.4346,
59.9500

■ 8.9706, 13.8920,
2.3981

■ 32.2322, 24.4650,
67.5856

Harmonies

Analogous

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



16.3134, 17.2159, 17.2524



16.0541, 17.2159, 17.5158



15.8792, 17.2159, 18.1091

Triad

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



16.0541, 17.2159, 17.5158



16.1396, 17.2159, 20.1805



16.9048, 17.2159, 18.6027

Complementary

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



16.0541, 17.2159, 17.5158



15.6475, 16.1410, 18.8147

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.



16.8570, 17.2159, 19.3960



16.0541, 17.2159, 17.5158



16.4131, 17.2159, 20.3217

Square

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



16.0541, 17.2159, 17.5158



15.9281, 17.2159, 19.6502



16.6762, 17.2159, 20.0308



16.8061, 17.2159, 17.8684

Rectangle

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



16.0541, 17.2159, 17.5158



15.8328, 17.2159, 18.6197



16.6762, 17.2159, 20.0308



16.9053, 17.2159, 18.8712

Sweetspot

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



16.0546, 17.2166, 17.5162



28.9485, 30.5944, 32.7905



15.9775, 16.6716, 17.4150



6.9103, 7.3006, 7.8342



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.



16.0546, 17.2166, 17.5162



28.0423, 30.1813, 30.3054



15.7338, 17.0513, 17.5012



3.9399, 4.2461, 4.2428



9.7878, 15.4502, 2.4663



46.7110, 74.7822, 11.9725

Inverse Universe

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



15.6475, 16.1410, 18.8147



27.1960, 27.9450, 33.0051



15.9736, 16.3091, 18.8300



3.8140, 3.9134, 4.6446



4.8037, 2.0677, 18.6885



22.4969, 9.6061, 91.0287

Previews

White Background



This preview shows how the XYZ color 16.0541, 17.2159, 17.5158 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 16.0541, 17.2159, 17.5158 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

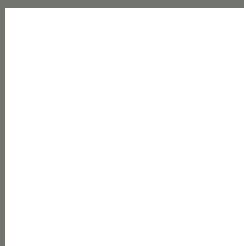
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0541, 17.2159, 17.5158

Background



This preview shows how black text looks on a background with the XYZ color 16.0541, 17.2159, 17.5158.

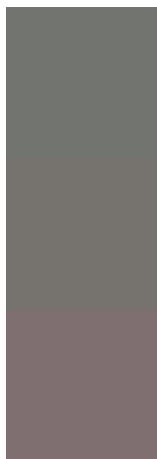


This preview shows how white text looks on a background with the XYZ color 16.0541, 17.2159,

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

16.0541, 17.2159, 17.5158

Protanopia

16.4164, 17.2388, 17.2140

Deuteranopia

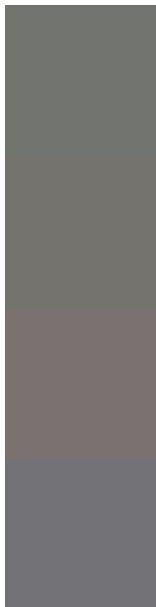
17.3615, 17.0508, 17.7053



Tritanopia

16.7949, 17.1777, 21.1693

Trichromacy



Original Color

16.0541, 17.2159, 17.5158

Protanomaly

16.2813, 17.1692, 17.2077

Deuteranomaly

16.8558, 17.1177, 17.7449

Tritanomaly

16.5307, 17.2382, 19.9088

Monochromacy



Original Color

16.0541, 17.2159, 17.5158

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.2382, 17.1212, 18.3685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0541, 17.2159, 17.5158 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(114, 116, 111)` looks like.

```
.text, #text, p{  
    color:rgb(114, 116, 111)  
}
```

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(114, 116, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 116, 111) }
```

Border

The CSS property to change the border of an element to XYZ 16.0541, 17.2159, 17.5158 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(114, 116, 111) }
```


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

```
.border{ border-color:rgb(114, 116, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 116, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 116, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 116, 111);  
box-shadow:4px 4px 4px 4px rgb(114, 116,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0541, 17.2159, 17.5158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 116, 111) }
```

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

```
.background{ background-color: rgb(114,  
116, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor