

Converting Colors

XYZ(15.6099, 17.2374, 16.3436)

Have a look what the booklet for
XYZ(15.6099, 17.2374, 16.3436)
contains.

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Color

**XYZ(15.5707, 17.1636,
16.4022)**

Conversions

Conversions Part 1

Format	Color
Hex	6F756B
RGB	111, 117, 107
RGB Percent	44%, 46%, 42%
CMY	0.5647, 0.5412, 0.5804
CMYK	0.05, 0.00, 0.09, 0.54
HSL	96°, 4%, 44%
HSV	96°, 9%, 46%
XYZ	15.5707, 17.1636, 16.4022
YIQ	114.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

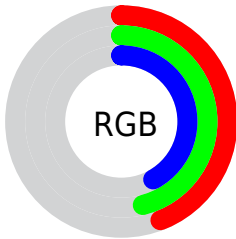
Format	Color
R_{YB}	107, 117, 113
Decimal	7304555
CIE _{Lab}	48.47, -4.28, 4.73
CIE _{LCh}	48, 6.381, 132.158
Yxy	17.1636, 0.3169, 0.3493
Android (android.graphics.Color)	4285494635 (0xFF6F756B)
YUV	114.0660, -3.4835, -2.6889
Hunter-Lab	41.4290, -5.4131, 5.5267

Details

The XYZ color **15.5707, 17.1636, 16.4022** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2793, 15.3109, 18.9805**, and the grayscale version is **16.0246, 16.8591, 18.3596**.

A 20% lighter version of the original color is **35.4638, 38.6311, 37.9352**, and **4.9936, 5.6392, 5.1003** is the 20% darker color. If you saturate the color by 10%, you get **14.1475, 16.4968, 13.3368**, and if you desaturate by 10%, it is **17.1477, 17.9010, 19.9103**.

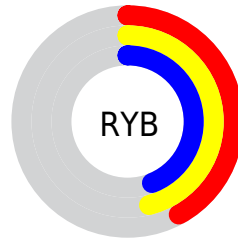
Distribution



Red (44%)

Green (46%)

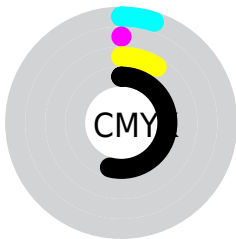
Blue (42%)



Red (42%)

Yellow (46%)

Blue (44%)

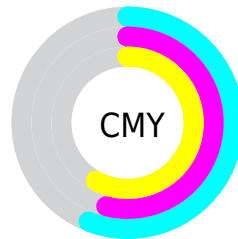


Cyan (5%)

Magenta (0%)

Yellow (9%)

Black (54%)



Cyan (56%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5707, 17.1636, 16.4022 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 15.5707, 17.1636, 16.4022 by changing the saturation by 10% instead.

■ 15.5707, 17.1636,
16.4022

■ 15.5707, 17.1636,
16.4022

220.1155,
236.1134, 243.6297

■ 9.3098, 10.3512,
9.6518

■ 35.4148, 38.6068,
38.0715

■ 5.0025, 5.6324,
5.0661

■ 49.7287, 54.0065,
53.8275

■ 2.2835, 2.6229,
2.2267

■ 67.4577, 73.0373,
73.4224

■ 0.7862, 0.9382,
0.6897

■ 88.9670, 96.0838,
97.2747

■ 0.0000, 0.0000,
0.0000

114.6221,
123.5302, 125.8031

144.7883,

155.7610, 159.4260

179.8310,
193.1606, 198.5620

■ 15.5707, 17.1636,
16.4022

■ 15.5707, 17.1636,
16.4022

■ 14.1475, 16.4968,
13.3368

■ 17.1477, 17.9010,
19.9103

■ 12.8716, 15.8962,
10.6956

■ 18.8816, 18.7089,
23.8767

■ 11.7385, 15.3603,
8.4600

■ 20.7775, 19.5900,
28.3175

■ 10.7425, 14.8868,
6.6100

■ 22.8395, 20.5460,
33.2475

■ 9.8777, 14.4730,
5.1236

■ 25.0719, 21.5789,
38.6813

■ 9.1378, 14.1162,
3.9769

■ 27.4785, 22.6903,
44.6324

■ 8.5156, 13.8132,
3.1427

■ 30.0632, 23.8820,
51.1141

■ 8.0033, 13.5608,
2.5901

■ 32.8297, 25.1555,
58.1391

■ 7.5810, 13.3507,
2.2262

■ 35.7815, 26.5125,
65.7198

Harmonies

Analogous

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



16.0779, 17.1636, 15.7149



15.5707, 17.1636, 16.4022



15.2668, 17.1636, 17.7192

Triad

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



15.5707, 17.1636, 16.4022



15.9715, 17.1636, 21.9228



17.4371, 17.1636, 18.0185

Complementary

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



15.5707, 17.1636, 16.4022



15.2793, 15.3109, 18.9805

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.



17.4069, 17.1636, 19.6920



15.5707, 17.1636, 16.4022



16.5513, 17.1636, 22.0148

Square

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



15.5707, 17.1636, 16.4022



15.4944, 17.1636, 20.9330



17.0795, 17.1636, 21.1774



17.1609, 17.1636, 16.6100

Rectangle

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



15.5707, 17.1636, 16.4022



15.2159, 17.1636, 18.8097



17.0795, 17.1636, 21.1774



17.4626, 17.1636, 18.5673

Sweetspot

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



15.5712, 17.1643, 16.4026



29.3920, 31.4410, 32.7070



15.8957, 16.6544, 16.2870



6.7117, 7.2073, 7.4175



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.



15.5712, 17.1643, 16.4026



27.4270, 30.5218, 28.3768



15.1320, 16.9318, 16.6583



3.7664, 4.1631, 3.9473



8.2730, 14.6693, 2.3954



39.4036, 71.0151, 11.6305

Inverse Universe

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



15.2793, 15.3109, 18.9805



26.8066, 26.5830, 33.8552



15.7468, 15.5587, 18.6970



3.6916, 3.6883, 4.6076



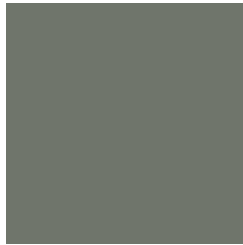
6.3195, 2.8491, 18.7594



29.8096, 13.3759, 91.3710

Previews

White Background



This preview shows how the XYZ color 15.5707, 17.1636, 16.4022 looks on a white background.

Color Contrast Check

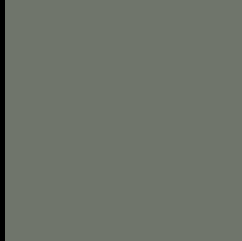
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5707, 17.1636, 16.4022 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

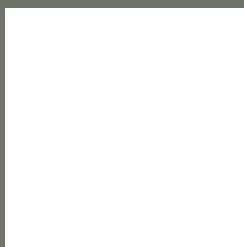
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5707, 17.1636, 16.4022

Background



This preview shows how black text looks on a background with the XYZ color 15.5707, 17.1636, 16.4022.

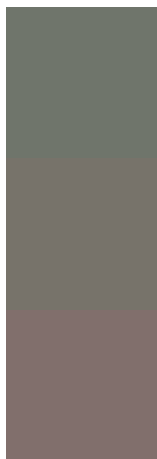


This preview shows how white text looks on a background with the XYZ color 15.5707, 17.1636,

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

15.5707, 17.1636, 16.4022

Protanopia

16.3400, 17.2240, 16.0990

Deuteranopia

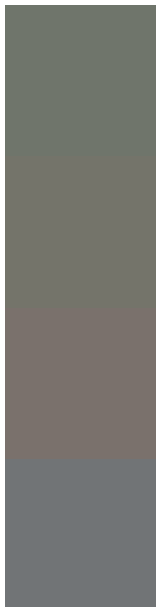
17.4445, 17.1187, 16.5722



Tritanopia

16.7083, 17.2941, 21.5263

Trichromacy



Original Color

15.5707, 17.1636, 16.4022

Protanomaly

16.0494, 17.2444, 16.1183

Deuteranomaly

16.6379, 17.0305, 16.5977

Tritanomaly

16.3255, 17.3095, 19.6202

Monochromacy



Original Color

15.5707, 17.1636, 16.4022

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8100, 16.9199, 17.4715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5707, 17.1636, 16.4022 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(111, 117, 107)` looks like.

```
.text, #text, p{  
    color:rgb(111, 117, 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(111, 117, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 117, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.5707, 17.1636, 16.4022 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(111, 117, 107) }
```


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

```
.border{ border-color:rgb(111, 117, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 117, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 117, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 117, 107);  
box-shadow:4px 4px 4px 4px rgb(111, 117,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5707, 17.1636, 16.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 117, 107) }
```

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

```
.background{ background-color: rgb(111,  
117, 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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