

Converting Colors

XYZ(16.5031, 17.0008, 11.9180)

Have a look what the booklet for
XYZ(16.5031, 17.0008, 11.9180)
contains.

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Color

**XYZ(16.4607, 17.0435,
11.8734)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7159
RGB	127, 113, 89
RGB Percent	50%, 44%, 35%
CMY	0.5020, 0.5569, 0.6510
CMYK	0.00, 0.11, 0.30, 0.50
HSL	38°, 18%, 42%
HSV	38°, 30%, 50%
XYZ	16.4607, 17.0435, 11.8734
YIQ	114.4500, 16.0480, -4.4960

Conversions

Conversions Part 2

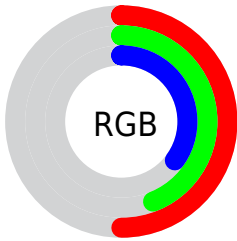
Format	Color
R_{YB}	111, 127, 89
Decimal	8352089
CIE Lab	48.31, 1.48, 15.34
CIE LCh	48, 15.408, 84.477
Yxy	17.0435, 0.3627, 0.3756
Android (android.graphics.Color)	4286542169 (0xFF7F7159)
YUV	114.4500, -12.5469, 11.0063
Hunter-Lab	41.2838, -1.0749, 11.8466

Details

The XYZ color **16.4607, 17.0435, 11.8734** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8008, 13.3564, 21.9822**, and the grayscale version is **16.1630, 17.0048, 18.5182**.

A 20% lighter version of the original color is **36.9377, 38.4776, 29.9062**, and **5.3869, 5.5328, 3.0695** is the 20% darker color. If you saturate the color by 10%, you get **15.4643, 15.8318, 9.1333**, and if you desaturate by 10%, it is **17.5769, 18.3474, 15.1078**.

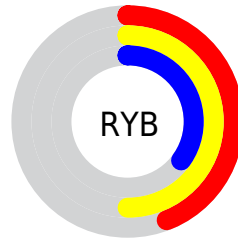
Distribution



Red (50%)

Green (44%)

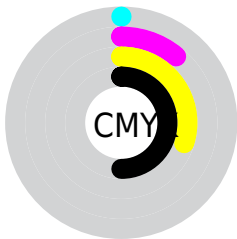
Blue (35%)



Red (44%)

Yellow (50%)

Blue (35%)

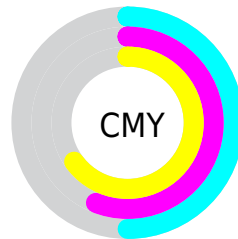


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4607, 17.0435, 11.8734 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 16.4607, 17.0435, 11.8734 by changing the saturation by 10% instead.

■ 16.4607, 17.0435,
11.8734

■ 16.4607, 17.0435,
11.8734

225.2624,
235.4229, 214.5134

■ 9.9436, 10.2655,
6.5360

■ 36.9472, 38.4006,
29.9253

■ 5.4236, 5.5754,
3.0997

■ 51.6474, 53.7484,
43.4768

■ 2.5352, 2.5886,
1.1457

■ 69.8059, 72.7217,
60.6036

■ 0.9130, 0.9210,
0.0000

■ 91.7883, 95.7047,
81.7240

■ 0.0000, 0.0000,
0.0000

■ 117.9597,
123.0820, 107.2567

148.6857,

155.2379, 137.6201

184.3314,
192.5567, 173.2328

■ 16.4607, 17.0435,
11.8734

■ 16.4607, 17.0435,
11.8734

■ 15.4643, 15.8318,
9.1333

■ 17.5769, 18.3474,
15.1078

■ 14.5814, 14.7073,
6.8615

■ 18.8164, 19.7436,
18.8588

■ 13.8067, 13.6679,
5.0310

■ 20.1840, 21.2355,
23.1484

■ 13.1341, 12.7104,
3.6119

■ 21.6842, 22.8252,
27.9971

■ 12.5569, 11.8315,
2.5702

■ 23.3209, 24.5150,
33.4243

■ 12.0671, 11.0272,
1.8665

■ 25.0978, 26.3070,
39.4485

■ 11.6404, 10.2871,
1.3750

■ 27.0189, 28.2033,
46.0874

■ 11.6371, 10.2814,
1.3712

■ 29.0875, 30.2058,
53.3579

■ 31.3070, 32.3164,
61.2762

Harmonies

Analogous

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



17.8200, 17.0435, 12.9466



16.4607, 17.0435, 11.8734



15.1058, 17.0435, 12.3697

Triad

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



16.4607, 17.0435, 11.8734



13.8632, 17.0435, 21.9507



18.4987, 17.0435, 23.4249

Complementary

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



16.4607, 17.0435, 11.8734



12.8008, 13.3564, 21.9822

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.



17.3445, 17.0435, 26.5260



16.4607, 17.0435, 11.8734



14.6800, 17.0435, 25.5924

Square

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



16.4607, 17.0435, 11.8734



13.6567, 17.0435, 17.8228



15.9408, 17.0435, 27.3715



19.0394, 17.0435, 19.3120

Rectangle

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



16.4607, 17.0435, 11.8734



14.3796, 17.0435, 13.5669



15.9408, 17.0435, 27.3715



18.1665, 17.0435, 24.6426

Sweetspot

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



16.4611, 17.0443, 11.8738



33.8609, 35.5390, 34.2819



14.8017, 12.6477, 14.6430



7.8591, 8.2446, 7.8147



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.4611, 17.0443, 11.8738



28.2177, 28.9992, 17.7677



17.4992, 20.0792, 12.4048



4.5363, 4.7613, 4.6001



11.7350, 10.3664, 1.3824



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.8008, 13.3564, 21.9822



20.5404, 21.2671, 38.9786



11.9616, 11.0272, 21.5768



4.2285, 4.4510, 5.4495



4.8786, 3.5757, 20.6830



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.4607, 17.0435, 11.8734 looks on a white background.

Color Contrast Check

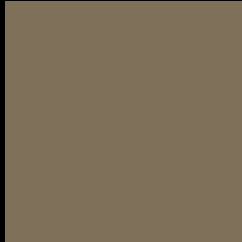
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4607, 17.0435, 11.8734 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

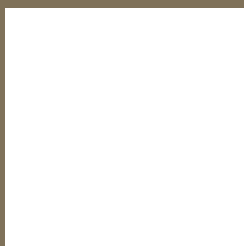
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4607, 17.0435, 11.8734

Background



This preview shows how black text looks on a background with the XYZ color 16.4607, 17.0435, 11.8734.

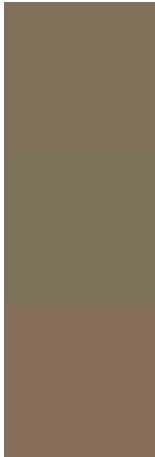


This preview shows how white text looks on a background with the XYZ color 16.4607, 17.0435,

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

16.4607, 17.0435, 11.8734

Protanopia

16.0022, 17.1372, 12.1373

Deuteranopia

17.2529, 16.9584, 12.0368



Tritanopia

17.9446, 16.9911, 19.4734

Trichromacy



Original Color

16.4607, 17.0435, 11.8734

Protanomaly

16.1750, 17.0579, 12.1129

Deuteranomaly

16.8900, 16.9324, 12.0509

Tritanomaly

17.2830, 16.8805, 16.2573

Monochromacy



Original Color

16.4607, 17.0435, 11.8734

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1749, 16.9765, 15.7889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4607, 17.0435, 11.8734 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(127, 113, 89)` looks like.

```
.text, #text, p{  
    color:rgb(127, 113, 89)  
}
```

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(127, 113, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 113, 89) }
```

Border

The CSS property to change the border of an element to XYZ 16.4607, 17.0435, 11.8734 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(127, 113, 89) }
```


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

```
.border{ border-color:rgb(127, 113, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 113, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 113, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 113, 89);  
box-shadow:4px 4px 4px 4px rgb(127, 113,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4607, 17.0435, 11.8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 113, 89) }
```

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

```
.background{ background-color: rgb(127,  
113, 89) }
```

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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