

Converting Colors

XYZ(17.1698, 17.2134, 16.2801)

Have a look what the booklet for
XYZ(17.1698, 17.2134, 16.2801)
contains.

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Color

**XYZ(17.2004, 17.1619,
16.3159)**

Conversions

Conversions Part 1

Format	Color
Hex	7F706B
RGB	127, 112, 107
RGB Percent	50%, 44%, 42%
CMY	0.5020, 0.5608, 0.5804
CMYK	0.00, 0.12, 0.16, 0.50
HSL	15°, 9%, 46%
HSV	15°, 16%, 50%
XYZ	17.2004, 17.1619, 16.3159
YIQ	115.9150, 10.5450, 1.6250

Conversions

Conversions Part 2

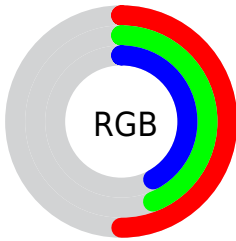
Format	Color
R_{YB}	127, 114, 107
Decimal	8351851
CIE _{Lab}	48.46, 4.96, 4.91
CIE _{LCh}	48, 6.979, 44.754
Yxy	17.1619, 0.3394, 0.3386
Android (android.graphics.Color)	4286541931 (0xFF7F706B)
YUV	115.9150, -4.3951, 9.7215
Hunter-Lab	41.4269, 1.6158, 5.6476

Details

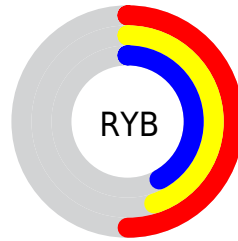
The XYZ color **17.2004, 17.1619, 16.3159** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8536, 18.5767, 22.7762**, and the grayscale version is **16.5856, 17.4493, 19.0023**.

A 20% lighter version of the original color is **38.2694, 38.7228, 37.8050**, and **5.7909, 5.6127, 5.0531** is the 20% darker color. If you saturate the color by 10%, you get **15.5850, 14.9230, 12.7196**, and if you desaturate by 10%, it is **19.0260, 19.6640, 20.4670**.

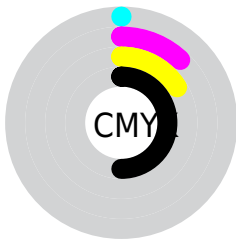
Distribution



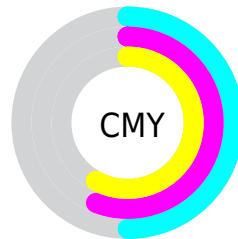
- Red (50%)
- Green (44%)
- Blue (42%)



- Red (50%)
- Yellow (45%)
- Blue (42%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2004, 17.1619, 16.3159 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 17.2004, 17.1619, 16.3159 by changing the saturation by 10% instead.

■ 17.2004, 17.1619,
16.3159

■ 17.2004, 17.1619,
16.3159

229.4584,
236.1036, 243.1077

■ 10.4737, 10.3500,
9.5912

■ 38.2109, 38.6039,
37.9202

■ 5.7788, 5.6316,
5.0267

■ 53.2253, 54.0028,
53.6368

■ 2.7504, 2.6224,
2.2039

■ 71.7331, 73.0329,
73.1878

■ 1.0232, 0.9379,
0.6766

■ 94.0994, 96.0784,
96.9917

■ 0.0000, 0.0000,
0.0000

120.6898,
123.5239, 125.4672

151.8695,

155.7536, 159.0326

188.0039,
193.1521, 198.1066

■ 17.2004, 17.1619,
16.3159

■ 17.2004, 17.1619,
16.3159

■ 15.5850, 14.9230,
12.7196

■ 19.0260, 19.6640,
20.4670

■ 14.1708, 12.9362,
9.6533

■ 21.0678, 22.4350,
25.1939

■ 12.9500, 11.1935,
7.0921

■ 23.3332, 25.4837,
30.5179

■ 11.9139, 9.6850,
5.0086

■ 25.8287, 28.8174,
36.4590

■ 11.0530, 8.4007,
3.3729

■ 28.5607, 32.4435,
43.0361

■ 10.3568, 7.3293,
2.1514

■ 31.5354, 36.3687,
50.2673

■ 9.8139, 6.4588,
1.3060

■ 34.7585, 40.6000,
58.1701

■ 9.4074, 5.7745,
0.7739

■ 38.2357, 45.1436,
66.7613

■ 9.2627, 5.5325,
0.5797

■ 41.9725, 50.0061,
76.0571

Harmonies

Analogous

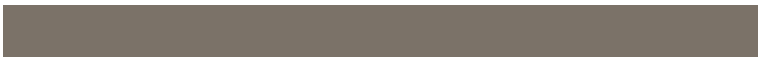
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.5296, 17.1619, 17.8042



17.2004, 17.1619, 16.3159



16.6372, 17.1619, 15.4917

Triad

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



17.2004, 17.1619, 16.3159



15.1545, 17.1619, 17.7759



16.6269, 17.1619, 22.3014

Complementary

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



17.2004, 17.1619, 16.3159



16.8536, 18.5767, 22.7762

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.



15.9908, 17.1619, 22.2926



17.2004, 17.1619, 16.3159



15.1519, 17.1619, 19.5973

Square

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



17.2004, 17.1619, 16.3159



15.4617, 17.1619, 16.2964



15.4545, 17.1619, 21.2760



17.1927, 17.1619, 21.2993

Rectangle

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



17.2004, 17.1619, 16.3159



16.2102, 17.1619, 15.3932



15.4545, 17.1619, 21.2760



16.4140, 17.1619, 22.4186

Sweetspot

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



17.2009, 17.1627, 16.3163



34.2893, 35.5110, 37.1528



17.5231, 16.4328, 20.6608



7.9799, 8.2485, 8.5880



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

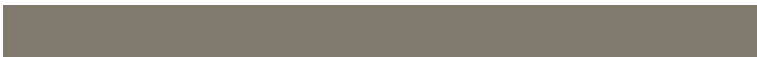
The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.2009, 17.1627, 16.3163



29.6876, 29.1945, 26.7189



18.3659, 19.4928, 16.7046



4.4084, 4.5056, 4.5574



9.3406, 5.5777, 0.5843



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.8536, 18.5767, 22.7762



28.9378, 32.2439, 40.6548



15.6885, 16.2466, 22.3879



4.3582, 4.7104, 5.4928



8.0107, 9.8399, 21.7270



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2004, 17.1619, 16.3159 looks on a white background.

Color Contrast Check

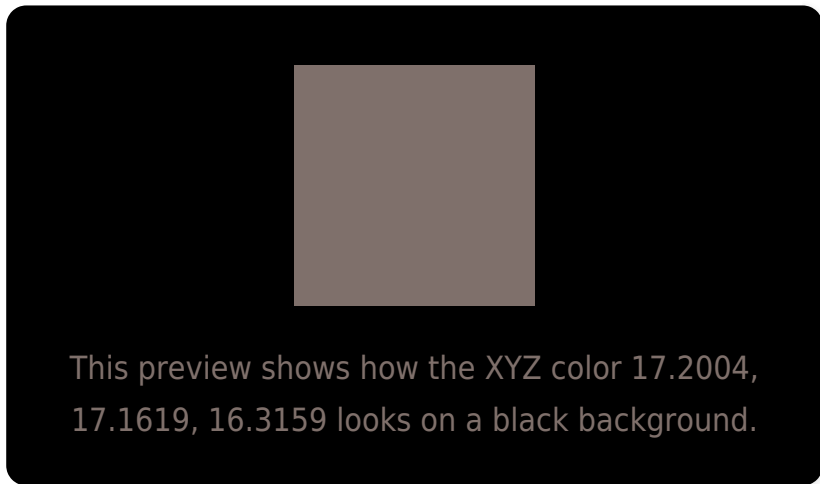
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

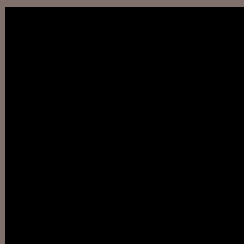
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2004, 17.1619, 16.3159

Background



This preview shows how black text looks on a background with the XYZ color 17.2004, 17.1619, 16.3159.



This preview shows how white text looks on a background with the XYZ color 17.2004, 17.1619,

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

17.2004, 17.1619, 16.3159

Protanopia

16.4453, 17.2661, 16.6533

Deuteranopia

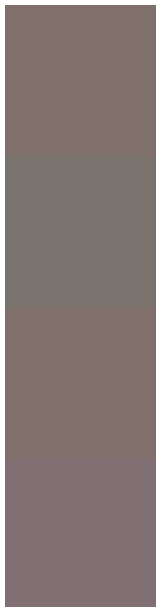
17.3915, 17.0975, 16.2934



Tritanopia

17.9590, 17.1509, 19.8167

Trichromacy



Original Color

17.2004, 17.1619, 16.3159

Protanomaly

16.7501, 17.2549, 16.6351

Deuteranomaly

17.2404, 17.0196, 16.2864

Tritanomaly

17.6810, 17.1959, 18.6069

Monochromacy



Original Color

17.2004, 17.1619, 16.3159

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.8571, 17.4468, 18.1019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2004, 17.1619, 16.3159 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, 112, 107)` looks like.

```
.text, #text, p{  
    color:rgb(127, 112, 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(127, 112, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 112, 107) }
```

Border

The CSS property to change the border of an element to XYZ 17.2004, 17.1619, 16.3159 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, 112, 107) }
```


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

```
.border{ border-color:rgb(127, 112, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 112, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 112, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 112, 107);  
box-shadow:4px 4px 4px 4px rgb(127, 112,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2004, 17.1619, 16.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 112, 107) }
```

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

```
.background{ background-color: rgb(127,  
112, 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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