

Converting Colors

XYZ(17.3813, 16.7658, 16.5074)

Have a look what the booklet for
XYZ(17.3813, 16.7658, 16.5074)
contains.

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Color

**XYZ(17.3813, 16.7658,
16.5074)**

Conversions

Conversions Part 1

Format	Color
Hex	826D6C
RGB	130, 109, 108
RGB Percent	51%, 43%, 42%
CMY	0.4902, 0.5725, 0.5765
CMYK	0.00, 0.16, 0.17, 0.49
HSL	3°, 9%, 47%
HSV	3°, 17%, 51%
XYZ	17.3813, 16.7658, 16.5074
YIQ	115.1650, 12.8370, 4.1410

Conversions

Conversions Part 2

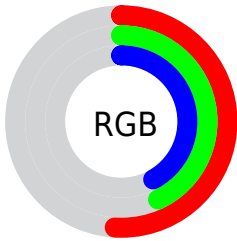
Format	Color
R_{YB}	130, 109, 108
Decimal	8547692
CIE _{Lab}	47.96, 8.10, 3.64
CIE _{LCh}	48, 8.878, 24.191
Yxy	16.7658, 0.3431, 0.3310
Android (android.graphics.Color)	4286737772 (0xFF826D6C)
YUV	115.1650, -3.5323, 13.0103
Hunter-Lab	40.9461, 4.1163, 4.7595

Details

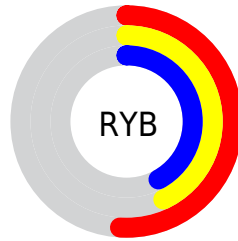
The XYZ color **17.3813, 16.7658, 16.5074** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0637, 20.4998, 24.1240**, and the grayscale version is **16.3538, 17.2054, 18.7367**.

A 20% lighter version of the original color is **38.5313, 38.0602, 38.1164**, and **5.8193, 5.3799, 5.1466** is the 20% darker color. If you saturate the color by 10%, you get **15.5090, 14.0469, 12.7206**, and if you desaturate by 10%, it is **19.5446, 19.9012, 20.9006**.

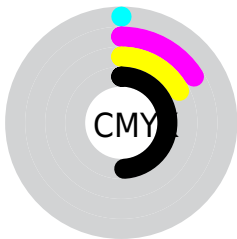
Distribution



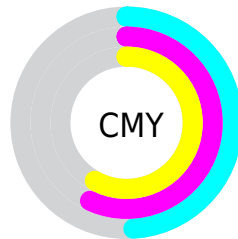
- Red (51%)
- Green (43%)
- Blue (42%)



- Red (51%)
- Yellow (43%)
- Blue (42%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3813, 16.7658, 16.5074 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 17.3813, 16.7658, 16.5074 by changing the saturation by 10% instead.

■ 17.3813, 16.7658,
16.5074

■ 17.3813, 16.7658,
16.5074

230.4739,
233.8191, 244.2645

■ 10.6037, 10.0677,
9.7257

■ 38.5186, 37.9227,
38.2558

■ 5.8663, 5.4438,
5.1142

■ 53.6090, 53.1502,
54.0596

■ 2.8039, 2.5100,
2.2545

■ 72.2011, 71.9896,
73.7079

■ 1.0509, 0.8816,
0.7056

■ 94.6602, 94.8253,
97.6191

■ 0.0000, 0.0000,
0.0000

121.3517,
122.0417, 126.2118

152.6409,

154.0232, 159.9046

188.8932,
191.1542, 199.1160

■ 17.3813, 16.7658,
16.5074

■ 17.3813, 16.7658,
16.5074

■ 15.5090, 14.0469,
12.7206

■ 19.5446, 19.9012,
20.9006

■ 13.9139, 11.7249,
9.5126

■ 22.0091, 23.4672,
25.9242

■ 12.5833, 9.7819,
6.8552

■ 24.7863, 27.4801,
31.6019

■ 11.5030, 8.1978,
4.7175

■ 27.8865, 31.9545,
37.9562

■ 10.6571, 6.9505,
3.0655

■ 31.3196, 36.9045,
45.0082

■ 10.0284, 6.0158,
1.8610

■ 35.0953, 42.3436,
52.7783

■ 9.5969, 5.3659,
1.0602

■ 39.2225, 48.2847,
61.2861

■ 9.3336, 4.9661,
0.5815

■ 43.7102, 54.7402,
70.5502

■ 9.2702, 4.8744,
0.4523

■ 48.5667, 61.7221,
80.5887

Harmonies

Analogous

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



17.5165, 16.7658, 18.7050



17.3813, 16.7658, 16.5074



16.8532, 16.7658, 14.9080

Triad

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



17.3813, 16.7658, 16.5074



14.7193, 16.7658, 15.7951



15.7801, 16.7658, 23.0020

Complementary

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



17.3813, 16.7658, 16.5074



18.0637, 20.4998, 24.1240

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.



15.0515, 16.7658, 22.0691



17.3813, 16.7658, 16.5074



14.4524, 16.7658, 17.8125

Square

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



17.3813, 16.7658, 16.5074



15.3128, 16.7658, 14.5215



14.5720, 16.7658, 20.1220



16.5746, 16.7658, 22.5794

Rectangle

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



17.3813, 16.7658, 16.5074



16.3585, 16.7658, 14.3331



14.5720, 16.7658, 20.1220



15.5197, 16.7658, 22.8343

Sweetspot

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



17.3818, 16.7666, 16.5078



35.1649, 36.1266, 38.3247



18.5488, 17.0632, 23.1779



7.9045, 8.0976, 8.5628



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.



17.3818, 16.7666, 16.5078



29.3889, 27.7543, 26.5971



18.5973, 19.1976, 16.9129



4.3423, 4.3733, 4.5354



8.8901, 4.6766, 0.4341



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.0637, 20.4998, 24.1240



30.8056, 35.5113, 42.4232



16.7237, 17.8198, 23.6773



4.4302, 4.8544, 5.5168



10.7850, 15.3885, 22.6518



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3813, 16.7658, 16.5074 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 17.3813, 16.7658, 16.5074 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 17.3813, 16.7658, 16.5074

Background



This preview shows how black text looks on a background with the XYZ color 17.3813, 16.7658, 16.5074.



This preview shows how white text looks on a background with the XYZ color 17.3813, 16.7658,

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

17.3813, 16.7658, 16.5074

Protanopia

16.0557, 16.7180, 17.1325

Deuteranopia

17.0351, 16.7466, 16.5219



Tritanopia

17.8750, 16.8114, 18.8258

Trichromacy



Original Color

17.3813, 16.7658, 16.5074

Protanomaly

16.5805, 16.8300, 16.8426

Deuteranomaly

17.1848, 16.8238, 16.5289

Tritanomaly

17.7033, 16.7427, 17.9214

Monochromacy



Original Color

17.3813, 16.7658, 16.5074

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5755, 16.9732, 17.7318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3813, 16.7658, 16.5074 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(130, 109, 108)` looks like.

```
.text, #text, p{  
    color:rgb(130, 109, 108)  
}
```

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(130, 109, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 109, 108) }
```

Border

The CSS property to change the border of an element to XYZ 17.3813, 16.7658, 16.5074 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(130, 109, 108) }
```


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

```
.border{ border-color:rgb(130, 109, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 109, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 109, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 109, 108); box-shadow:4px 4px 4px 4px rgb(130, 109, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3813, 16.7658, 16.5074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 109, 108) }
```

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

```
.background{ background-color: rgb(130,  
109, 108) }
```

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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