

Converting Colors

XYZ(17.7445, 17.5541, 16.3104)

Have a look what the booklet for
XYZ(17.7445, 17.5541, 16.3104)
contains.

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Color

**XYZ(17.7649, 17.6176,
16.3741)**

Conversions

Conversions Part 1

Format	Color
Hex	82716B
RGB	130, 113, 107
RGB Percent	51%, 44%, 42%
CMY	0.4902, 0.5569, 0.5804
CMYK	0.00, 0.13, 0.18, 0.49
HSL	16°, 10%, 46%
HSV	16°, 18%, 51%
XYZ	17.7649, 17.6176, 16.3741
YIQ	117.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

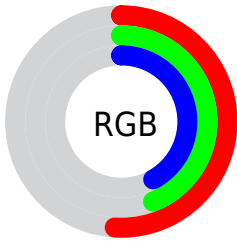
Format	Color
R_{YB}	130, 115, 107
Decimal	8548715
CIE _{Lab}	49.03, 5.58, 5.76
CIE _{LCh}	49, 8.021, 45.929
Yxy	17.6176, 0.3432, 0.3404
Android (android.graphics.Color)	4286738795 (0xFF82716B)
YUV	117.3990, -5.1267, 11.0511
Hunter-Lab	41.9733, 2.0955, 6.2519

Details

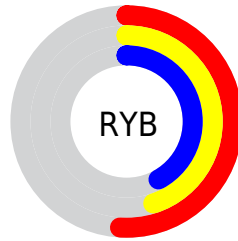
The XYZ color **17.7649, 17.6176, 16.3741** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3002, 19.1524, 23.9043**, and the grayscale version is **17.0456, 17.9332, 19.5293**.

A 20% lighter version of the original color is **39.1551, 39.4462, 37.8979**, and **6.0142, 5.8123, 5.0799** is the 20% darker color. If you saturate the color by 10%, you get **16.1161, 15.3335, 12.7001**, and if you desaturate by 10%, it is **19.6310, 20.1714, 20.6284**.

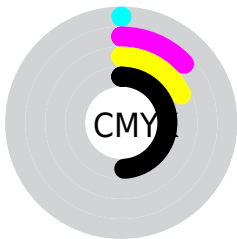
Distribution



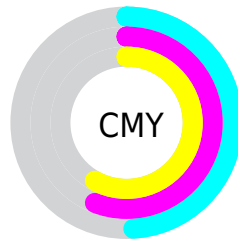
- Red (51%)
- Green (44%)
- Blue (42%)



- Red (51%)
- Yellow (45%)
- Blue (42%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7649, 17.6176, 16.3741 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 17.7649, 17.6176, 16.3741 by changing the saturation by 10% instead.

■ 17.7649, 17.6176,
16.3741

■ 17.7649, 17.6176,
16.3741

232.6138,
238.7067, 243.4598

■ 10.8800, 10.6758,
9.6320

■ 39.1695, 39.3846,
38.0222

■ 6.0529, 5.8493,
5.0533

■ 54.4200, 54.9787,
53.7654

■ 2.9182, 2.7536,
2.2193

■ 73.1897, 74.2255,
73.3460

■ 1.1107, 1.0045,
0.6855

■ 95.8439, 97.5097,
97.1826

■ 0.0340, 0.0000,
0.0000

122.7481,
125.2155, 125.6938

■ 0.0000, 0.0000,
0.0000

154.2676,

157.7273, 159.2980

190.7677,
195.4296, 198.4138

■ 17.7649, 17.6176,
16.3741

■ 17.7649, 17.6176,
16.3741

■ 16.1161, 15.3335,
12.7001

■ 19.6310, 20.1714,
20.6284

■ 14.6752, 13.3078,
9.5799

■ 21.7206, 23.0010,
25.4855

■ 13.4338, 11.5320,
6.9868

■ 24.0414, 26.1153,
30.9681

■ 12.3829, 9.9962,
4.8913

■ 26.6005, 29.5218,
37.0976

■ 11.5123, 8.6898,
3.2611

■ 29.4044, 33.2282,
43.8942

■ 10.8111, 7.6012,
2.0598

■ 32.4595, 37.2414,
51.3771

■ 10.2669, 6.7179,
1.2458

■ 35.7719, 41.5686,
59.5649

■ 9.8577, 6.0230,
0.7291

■ 39.3476, 46.2162,
68.4756

■ 9.7760, 5.8858,
0.6208

■ 43.1923, 51.1909,
78.1263

Harmonies

Analogous

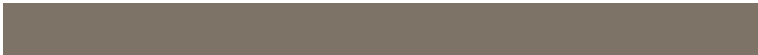
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.1657, 17.6176, 18.0748



17.7649, 17.6176, 16.3741



17.0969, 17.6176, 15.4599

Triad

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



17.7649, 17.6176, 16.3741



15.3890, 17.6176, 18.1989



17.1426, 17.6176, 23.4200

Complementary

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



17.7649, 17.6176, 16.3741



17.3002, 19.1524, 23.9043

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.



16.3979, 17.6176, 23.4595



17.7649, 17.6176, 16.3741



15.4004, 17.6176, 20.3347

Square

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



17.7649, 17.6176, 16.3741



15.7333, 17.6176, 16.4592



15.7649, 17.6176, 22.2951



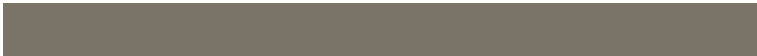
17.7992, 17.6176, 22.1910

Rectangle

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



17.7649, 17.6176, 16.3741



16.5970, 17.6176, 15.3721



15.7649, 17.6176, 22.2951



16.8939, 17.6176, 23.5758

Sweetspot

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



17.7654, 17.6184, 16.3745



35.4821, 36.7611, 38.4305



18.1178, 16.7230, 21.4250



7.9840, 8.2566, 8.5893



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.



17.7654, 17.6184, 16.3745



30.1430, 29.4499, 26.2704



19.0990, 20.2856, 16.8190



4.4120, 4.5127, 4.5586



9.3786, 5.6535, 0.5969



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.3002, 19.1524, 23.9043



29.1732, 32.6439, 41.9558



15.9702, 16.4923, 23.4609



4.3544, 4.7029, 5.4915



7.8862, 9.5909, 21.6855



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.7649, 17.6176, 16.3741 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 17.7649, 17.6176, 16.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

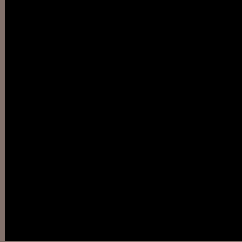
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7649, 17.6176, 16.3741

Background



This preview shows how black text looks on a background with the XYZ color 17.7649, 17.6176, 16.3741.



This preview shows how white text looks on a background with the XYZ color 17.7649, 17.6176,

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

17.7649, 17.6176, 16.3741

Protanopia

16.8909, 17.6599, 16.9864

Deuteranopia

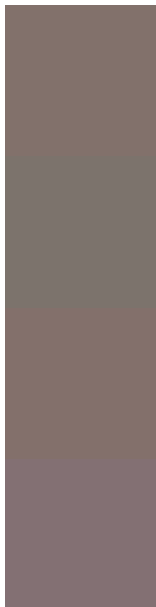
17.8081, 17.4752, 16.3444



Tritanopia

18.5903, 17.6305, 20.1925

Trichromacy



Original Color

17.7649, 17.6176, 16.3741

Protanomaly

17.1497, 17.6293, 16.6863

Deuteranomaly

17.8081, 17.4752, 16.3444

Tritanomaly

18.2488, 17.6514, 18.6649

Monochromacy



Original Color

17.7649, 17.6176, 16.3741

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.2521, 17.8206, 18.1532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7649, 17.6176, 16.3741 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, 113, 107)` looks like.

```
.text, #text, p{  
    color:rgb(130, 113, 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(130, 113, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 113, 107) }
```

Border

The CSS property to change the border of an element to XYZ 17.7649, 17.6176, 16.3741 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, 113, 107) }
```


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

```
.border{ border-color:rgb(130, 113, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 113, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 113, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 113, 107);  
box-shadow:4px 4px 4px 4px rgb(130, 113,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7649, 17.6176, 16.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 113, 107) }
```

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

```
.background{ background-color: rgb(130,  
113, 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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