

Converting Colors

XYZ(17.8421, 17.6897, 18.4957)

Have a look what the booklet for
XYZ(17.8421, 17.6897, 18.4957)
contains.

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Color

**XYZ(17.8445, 17.6144,
18.3790)**

Conversions

Conversions Part 1

Format	Color
Hex	807172
RGB	128, 113, 114
RGB Percent	50%, 44%, 45%
CMY	0.4980, 0.5568, 0.5529
CMYK	0.00, 0.12, 0.11, 0.50
HSL	356°, 6%, 47%
HSV	356°, 12%, 50%
XYZ	17.8445, 17.6144, 18.3790
YIQ	117.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

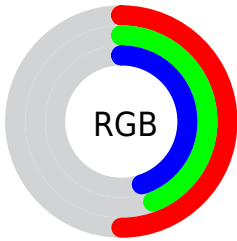
Format	Color
R_{YB}	128, 113, 114
Decimal	8417650
CIE Lab	49.03, 6.02, 1.58
CIE LCh	49, 6.226, 14.711
Yxy	17.6144, 0.3314, 0.3272
Android (android.graphics.Color)	4286607730 (0xFF807172)
YUV	117.5990, -1.7743, 9.1217
Hunter-Lab	41.9695, 2.4476, 3.4148

Details

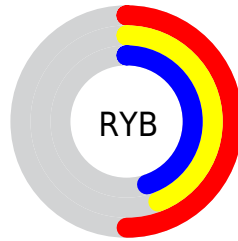
The XYZ color **17.8445, 17.6144, 18.3790** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3607, 20.4818, 23.0654**, and the grayscale version is **17.0985, 17.9890, 19.5900**.

A 20% lighter version of the original color is **39.3941, 39.4872, 41.6219**, and **6.0981, 5.8362, 5.9594** is the 20% darker color. If you saturate the color by 10%, you get **15.8797, 14.7030, 14.5849**, and if you desaturate by 10%, it is **20.1006, 20.9658, 22.7090**.

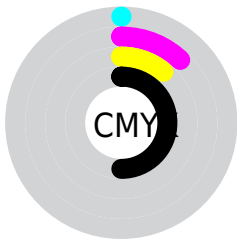
Distribution



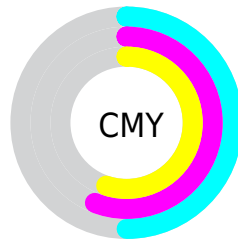
- Red (50%)
- Green (44%)
- Blue (45%)



- Red (50%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8445, 17.6144, 18.3790 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 17.8445, 17.6144, 18.3790 by changing the saturation by 10% instead.

■ 17.8445, 17.6144,
18.3790

■ 17.8445, 17.6144,
18.3790

233.0557,
238.6885, 255.3062

■ 10.9374, 10.6735,
11.0502

■ 39.3043, 39.3792,
41.5047

■ 6.0917, 5.8477,
5.9860

■ 54.5878, 54.9718,
58.1387

■ 2.9421, 2.7527,
2.7679

■ 73.3941, 74.2172,
78.7114

■ 1.1232, 1.0040,
0.9774

■ 96.0886, 97.4997,
103.6415

■ 0.0444, 0.0000,
0.0000

123.0367,
125.2037, 133.3475

■ 0.0000, 0.0000,
0.0000

154.6036,

157.7135, 168.2479

191.1548,
195.4137, 208.7613

■ 17.8445, 17.6144,
18.3790

■ 17.8445, 17.6144,
18.3790

■ 15.8797, 14.7030,
14.5849

■ 20.1006, 20.9658,
22.7090

■ 14.1930, 12.2111,
11.3049

■ 22.6576, 24.7719,
27.5935

■ 12.7721, 10.1200,
8.5170

■ 25.5266, 29.0497,
33.0514

■ 11.6036, 8.4089,
6.1976

■ 28.7176, 33.8145,
39.1006

■ 10.6725, 7.0549,
4.3210

■ 32.2401, 39.0810,
45.7581

■ 9.9627, 6.0327,
2.8589

■ 36.1035, 44.8633,
53.0403

■ 9.4556, 5.3137,
1.7798

■ 40.3165, 51.1749,
60.9628

■ 9.1299, 4.8646,
1.0478

■ 44.8875, 58.0288,
69.5407

■ 8.9488, 4.6079,
0.6622

■ 49.8249, 65.4376,
78.7889

Harmonies

Analogous

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



17.8415, 17.6144, 20.0341



17.8445, 17.6144, 18.3790



17.5475, 17.6144, 17.0177

Triad

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



17.8445, 17.6144, 18.3790



15.9692, 17.6144, 16.9966



16.4495, 17.6144, 22.4295

Complementary

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



17.8445, 17.6144, 18.3790



18.3607, 20.4818, 23.0654

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.



15.9615, 17.6144, 21.5162



17.8445, 17.6144, 18.3790



15.6886, 17.6144, 18.3488

Square

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



17.8445, 17.6144, 18.3790



16.4602, 17.6144, 16.2514



15.6858, 17.6144, 20.0021



17.0269, 17.6144, 22.4388

Rectangle

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



17.8445, 17.6144, 18.3790



17.2231, 17.6144, 16.4325



15.6858, 17.6144, 20.0021



16.2698, 17.6144, 22.2158

Sweetspot

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



17.8450, 17.6152, 18.3794



34.3991, 35.4403, 38.0843



18.5543, 17.8816, 22.8959



7.9902, 8.2031, 8.7948



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.



17.8450, 17.6152, 18.3794



30.4686, 29.6049, 30.5294



18.5398, 19.0951, 18.3324



4.3385, 4.3485, 4.5869



8.8735, 4.5691, 0.6577



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8450, 17.6152, 18.3794



30.4686, 29.6049, 30.5294



17.6053, 18.8665, 23.1360



4.3385, 4.3485, 4.5869



8.8735, 4.5691, 0.6577



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.8445, 17.6144, 18.3790 looks on a white background.

Color Contrast Check

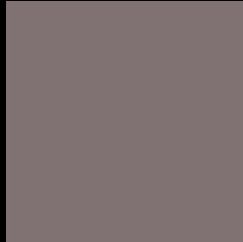
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8445, 17.6144, 18.3790 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 17.8445, 17.6144, 18.3790

Background



This preview shows how black text looks on a background with the XYZ color 17.8445, 17.6144, 18.3790.



This preview shows how white text looks on a background with the XYZ color 17.8445, 17.6144,

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

17.8445, 17.6144, 18.3790

Protanopia

17.0055, 17.6737, 19.0381

Deuteranopia

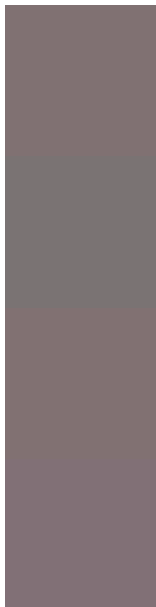
17.9957, 17.6923, 18.3861



Tritanopia

18.2986, 17.6359, 20.5288

Trichromacy



Original Color

17.8445, 17.6144, 18.3790

Protanomaly

17.2513, 17.6368, 18.7147

Deuteranomaly

17.9957, 17.6923, 18.3861

Tritanomaly

18.1174, 17.5635, 19.5747

Monochromacy



Original Color

17.8445, 17.6144, 18.3790

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.4823, 17.9127, 19.3657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8445, 17.6144, 18.3790 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(128, 113, 114) looks like.

```
.text, #text, p{  
    color:rgb(128, 113, 114)  
}
```

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(128, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 113, 114) }
```

Border

The CSS property to change the border of an element to XYZ 17.8445, 17.6144, 18.3790 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(128, 113, 114) }
```


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

```
.border{ border-color:rgb(128, 113, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 113, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(128, 113,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8445, 17.6144, 18.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 113, 114) }
```

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

```
.background{ background-color: rgb(128,  
113, 114) }
```

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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