

Converting Colors

XYZ(16.8014, 17.0004, 19.2170)

Have a look what the booklet for
XYZ(16.8014, 17.0004, 19.2170)
contains.

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Color

**XYZ(16.8617, 17.0877,
19.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	787175
RGB	120, 113, 117
RGB Percent	47%, 44%, 46%
CMY	0.5294, 0.5569, 0.5412
CMYK	0.00, 0.06, 0.02, 0.53
HSL	326°, 3%, 46%
HSV	326°, 6%, 47%
XYZ	16.8617, 17.0877, 19.2392
YIQ	115.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

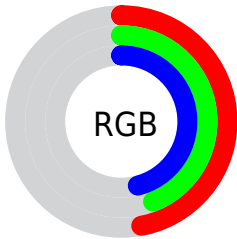
Format	Color
R_{YB}	120, 113, 117
Decimal	7893365
CIE Lab	48.37, 3.49, -1.25
CIE LCh	48, 3.704, 340.348
Yxy	17.0877, 0.3170, 0.3213
Android (android.graphics.Color)	4286083445 (0xFF787175)
YUV	115.5490, 0.7153, 3.9035
Hunter-Lab	41.3373, 0.4709, 1.3413

Details

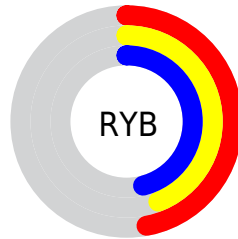
The XYZ color **16.8617, 17.0877, 19.2392** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6795, 18.2049, 19.1586**, and the grayscale version is **16.4603, 17.3175, 18.8587**.

A 20% lighter version of the original color is **37.6298, 38.5455, 42.9928**, and **5.6370, 5.5880, 6.4117** is the 20% darker color. If you saturate the color by 10%, you get **15.3164, 14.4677, 17.2728**, and if you desaturate by 10%, it is **18.6016, 20.0699, 21.3529**.

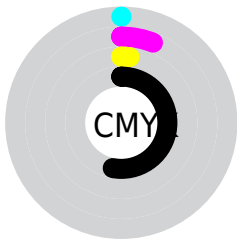
Distribution



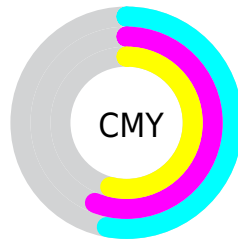
- Red (47%)
- Green (44%)
- Blue (46%)



- Red (47%)
- Yellow (44%)
- Blue (46%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8617, 17.0877, 19.2392 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 16.8617, 17.0877, 19.2392 by changing the saturation by 10% instead.

■ 16.8617, 17.0877,
19.2392

■ 16.8617, 17.0877,
19.2392

227.5459,
235.6773, 260.2327

■ 10.2306, 10.2970,
11.6647

■ 37.6333, 38.4765,
42.9800

■ 5.6156, 5.5963,
6.3960

■ 52.5046, 53.8434,
59.9833

■ 2.6512, 2.6012,
3.0147

■ 70.8533, 72.8379,
80.9667

■ 0.9721, 0.9273,
1.1021

■ 93.0448, 95.8443,
106.3486

■ 0.0000, 0.0000,
0.0000

119.4445,
123.2471, 136.5476

150.4177,

155.4305, 171.9823

186.3297,
192.7791, 213.0711

■ 16.8617, 17.0877,
19.2392

■ 16.8617, 17.0877,
19.2392

■ 15.3164, 14.4677,
17.2728

■ 18.6016, 20.0699,
21.3529

■ 13.9572, 12.1939,
15.4490

■ 20.5415, 23.4252,
23.6163

■ 12.7768, 10.2521,
13.7641

■ 22.6883, 27.1668,
26.0332

■ 11.7672, 8.6264,
12.2142

■ 25.0480, 31.3067,
28.6069

■ 10.9195, 7.2998,
10.7948

■ 27.6267, 35.8562,
31.3405

■ 10.2241, 6.2533,
9.5013

■ 30.4300, 40.8262,
34.2371

■ 9.6702, 5.4660,
8.3287

■ 33.4632, 46.2273,
37.2996

■ 9.2455, 4.9138,
7.2713

■ 36.7317, 52.0696,
40.5309

■ 8.9280, 4.5529,
6.3201

■ 40.2405, 58.3628,
43.9337

Harmonies

Analogous

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



16.6662, 17.0877, 20.0619



16.8617, 17.0877, 19.2392



16.8897, 17.0877, 18.2730

Triad

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



16.8617, 17.0877, 19.2392



16.1248, 17.0877, 16.8324



15.7506, 17.0877, 19.8380

Complementary

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



16.8617, 17.0877, 19.2392



16.6795, 18.2049, 19.1586

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.



15.6098, 17.0877, 18.9423



16.8617, 17.0877, 19.2392



15.8238, 17.0877, 17.2216

Square

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



16.8617, 17.0877, 19.2392



16.4611, 17.0877, 16.9057



15.6364, 17.0877, 17.9861



16.0236, 17.0877, 20.4158

Rectangle

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



16.8617, 17.0877, 19.2392



16.8092, 17.0877, 17.6801



15.6364, 17.0877, 17.9861



15.6864, 17.0877, 19.5629

Sweetspot

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



16.8622, 17.0884, 19.2396



30.7738, 31.9627, 35.2139



16.4873, 16.8745, 20.1575



7.3040, 7.5935, 8.3586



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.8622, 17.0884, 19.2396



29.2735, 29.4012, 33.3603



16.6650, 17.0096, 18.2012



4.1578, 4.1732, 4.7378



9.6000, 4.8162, 6.4506



45.3601, 22.8004, 28.4903

Inverse Universe

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



16.8622, 17.0884, 19.2396



29.2735, 29.4012, 33.3603



16.8819, 18.2859, 20.2242



4.1578, 4.1732, 4.7378



9.6000, 4.8162, 6.4506



45.3601, 22.8004, 28.4903

Previews

White Background



This preview shows how the XYZ color 16.8617, 17.0877, 19.2392 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 16.8617, 17.0877, 19.2392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

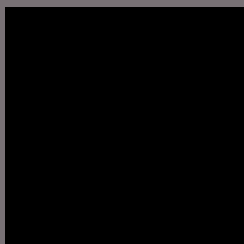
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.8617, 17.0877, 19.2392

Background



This preview shows how black text looks on a background with the XYZ color 16.8617, 17.0877, 19.2392.



This preview shows how white text looks on a background with the XYZ color 16.8617, 17.0877,

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

16.8617, 17.0877, 19.2392

Protanopia

16.4898, 17.0556, 19.5625

Deuteranopia

17.3528, 17.0132, 19.1989



Tritanopia

17.1305, 17.0338, 20.4741

Trichromacy



Original Color

16.8617, 17.0877, 19.2392

Protanomaly

16.6234, 17.1245, 19.5688

Deuteranomaly

17.1734, 17.0836, 19.2220

Tritanomaly

17.0695, 17.0094, 20.1528

Monochromacy



Original Color

16.8617, 17.0877, 19.2392

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6192, 17.3043, 18.9871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8617, 17.0877, 19.2392 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(120, 113, 117)` looks like.

```
.text, #text, p{  
    color:rgb(120, 113, 117)  
}
```

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(120, 113, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 113, 117) }
```

Border

The CSS property to change the border of an element to XYZ 16.8617, 17.0877, 19.2392 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(120, 113, 117) }
```


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

```
.border{ border-color:rgb(120, 113, 117) }
```

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

Here you see how a box with a 4 pixel rgb(120, 113, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 113, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 113, 117);  
box-shadow:4px 4px 4px 4px rgb(120, 113,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8617, 17.0877, 19.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 113, 117) }
```

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

```
.background{ background-color: rgb(120,  
113, 117) }
```

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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