

Converting Colors

XYZ(18.5255, 18.0758, 20.4120)

Have a look what the booklet for
XYZ(18.5255, 18.0758, 20.4120)
contains.

XYZ(18.4607, 18.0578, 20.2818)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.4607, 18.0578,
20.2818)**

Conversions

Conversions Part 1

Format	Color
Hex	817278
RGB	129, 114, 120
RGB Percent	51%, 45%, 47%
CMY	0.4941, 0.5529, 0.5294
CMYK	0.00, 0.12, 0.07, 0.49
HSL	336°, 6%, 48%
HSV	336°, 12%, 51%
XYZ	18.4607, 18.0578, 20.2818
YIQ	119.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

Format	Color
R_{YB}	129, 114, 120
Decimal	8483448
CIE _{Lab}	49.57, 6.95, -1.18
CIE _{LCh}	50, 7.047, 350.395
Yxy	18.0578, 0.3250, 0.3179
Android (android.graphics.Color)	4286673528 (0xFF817278)
YUV	119.1690, 0.4097, 8.6218
Hunter-Lab	42.4945, 3.1797, 1.4481

Details

The XYZ color **18.4607, 18.0578, 20.2818** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3655, 20.7084, 21.7690**, and the grayscale version is **17.5857, 18.5015, 20.1481**.

A 20% lighter version of the original color is **40.3740, 40.1961, 44.6604**, and **6.4262, 6.0698, 6.9638** is the 20% darker color. If you saturate the color by 10%, you get **16.6561, 15.1702, 17.4554**, and if you desaturate by 10%, it is **20.5095, 21.3726, 23.3775**.

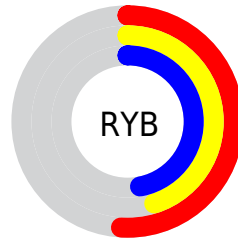
Distribution



Red (51%)

Green (45%)

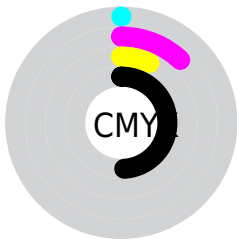
Blue (47%)



Red (51%)

Yellow (45%)

Blue (47%)

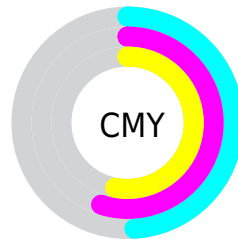


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (49%)



Cyan (49%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4607, 18.0578, 20.2818 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 18.4607, 18.0578, 20.2818 by changing the saturation by 10% instead.

■ 18.4607, 18.0578,
20.2818

■ 18.4607, 18.0578,
20.2818

236.4508,
241.1966, 266.0911

■ 11.3829, 10.9915,
12.4139

■ 40.3448, 40.1358,
44.7543

■ 6.3942, 6.0611,
6.9003

■ 55.8818, 55.9163,
62.1960

■ 3.1292, 2.8823,
3.3223

■ 74.9692, 75.3702,
83.6661

■ 1.2224, 1.0706,
1.2615

■ 97.9725, 98.8821,
109.5831

■ 0.1240, 0.0000,
0.0299

125.2569,
126.8363, 140.3656

■ 0.0000, 0.0000,
0.0000

157.1879,

159.6172, 176.4321

194.1307,
197.6092, 218.2011

■ 18.4607, 18.0578,
20.2818

■ 18.4607, 18.0578,
20.2818

■ 16.6561, 15.1702,
17.4554

■ 20.5095, 21.3726,
23.3775

■ 15.0849, 12.6900,
14.8896

■ 22.8100, 25.1288,
26.7485

■ 13.7373, 10.5994,
12.5767

■ 25.3710, 29.3426,
30.4023

■ 12.6026, 8.8783,
10.5086

■ 28.2007, 34.0289,
34.3453

■ 11.6691, 7.5046,
8.6762

■ 31.3066, 39.2017,
38.5842

■ 10.9237, 6.4541,
7.0700

■ 34.6963, 44.8746,
43.1251

■ 10.3517, 5.6994,
5.6798

■ 38.3768, 51.0607,
47.9741

■ 9.9363, 5.2082,
4.4941

■ 42.3550, 57.7724,
53.1370

■ 9.6639, 4.9114,
3.6391

■ 46.6374, 65.0218,
58.6195

Harmonies

Analogous

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



18.1717, 18.0578, 22.1003



18.4607, 18.0578, 20.2818



18.3952, 18.0578, 18.4081

Triad

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



18.4607, 18.0578, 20.2818



16.7198, 18.0578, 16.4128



16.3579, 18.0578, 22.6331

Complementary

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



18.4607, 18.0578, 20.2818



18.3655, 20.7084, 21.7690

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.



15.9879, 18.0578, 20.9713



18.4607, 18.0578, 20.2818



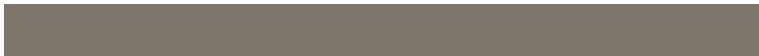
16.1931, 18.0578, 17.4097

Square

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



18.4607, 18.0578, 20.2818



17.3785, 18.0578, 16.2546



15.9283, 18.0578, 19.0547



16.9501, 18.0578, 23.5148

Rectangle

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



18.4607, 18.0578, 20.2818



18.1599, 18.0578, 17.3739



15.9283, 18.0578, 19.0547



16.2040, 18.0578, 22.1424

Sweetspot

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



18.4612, 18.0586, 20.2822



36.1704, 37.3679, 41.0327



18.1488, 17.8314, 23.2543



8.1239, 8.3557, 9.1933



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.



18.4612, 18.0586, 20.2822



32.1439, 30.8671, 34.9058



18.2790, 18.2586, 18.4814



4.3935, 4.3705, 4.8765



9.4243, 4.7894, 3.5584



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.4612, 18.0586, 20.2822



32.1439, 30.8671, 34.9058



18.5565, 20.4710, 23.7423



4.3935, 4.3705, 4.8765



9.4243, 4.7894, 3.5584



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.4607, 18.0578, 20.2818 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 18.4607, 18.0578, 20.2818 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 18.4607, 18.0578, 20.2818

Background



This preview shows how black text looks on a background with the XYZ color 18.4607, 18.0578, 20.2818.



This preview shows how white text looks on a background with the XYZ color 18.4607, 18.0578,

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

18.4607, 18.0578, 20.2818

Protanopia

17.4819, 18.0497, 20.9749

Deuteranopia

18.3096, 17.9799, 20.2747



Tritanopia

18.5834, 18.1069, 20.9279

Trichromacy



Original Color

18.4607, 18.0578, 20.2818

Protanomaly

17.8650, 18.0822, 20.6378

Deuteranomaly

18.3096, 17.9799, 20.2747

Tritanomaly

18.5218, 18.0822, 20.6032

Monochromacy



Original Color

18.4607, 18.0578, 20.2818

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.8594, 18.2654, 20.0371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4607, 18.0578, 20.2818 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(129, 114, 120)` looks like.

```
.text, #text, p{  
    color:rgb(129, 114, 120)  
}
```

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(129, 114, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 114, 120) }
```

Border

The CSS property to change the border of an element to XYZ 18.4607, 18.0578, 20.2818 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(129, 114, 120) }
```


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

```
.border{ border-color:rgb(129, 114, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 114, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 114, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 114, 120);  
box-shadow:4px 4px 4px 4px rgb(129, 114,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4607, 18.0578, 20.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 114, 120) }
```

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

```
.background{ background-color: rgb(129,  
114, 120) }
```

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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