

Converting Colors

XYZ(17.7108, 19.0415, 5.4312)

Have a look what the booklet for
XYZ(17.7108, 19.0415, 5.4312)
contains.

XYZ(17.7108, 19.0415, 5.4312)	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(17.7108, 19.0415,
5.4312)**

Conversions

Conversions Part 1

Format	Color
Hex	8A782F
RGB	138, 120, 47
RGB Percent	54%, 47%, 18%
CMY	0.4588, 0.5294, 0.8157
CMYK	0.00, 0.13, 0.66, 0.46
HSL	48°, 49%, 36%
HSV	48°, 66%, 54%
XYZ	17.7108, 19.0415, 5.4312
YIQ	117.0600, 34.1610, -18.8870

Conversions

Conversions Part 2

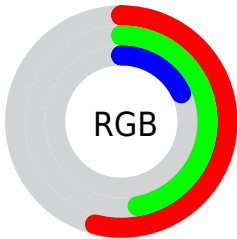
Format	Color
RYB	69, 138, 47
Decimal	9074735
CIELab	50.74, -2.07, 41.44
CIELCh	51, 41.491, 92.857
Yxy	19.0415, 0.4199, 0.4514
Android (android.graphics.Color)	4287264815 (0xFF8A782F)
YUV	117.0600, -34.5396, 18.3644
Hunter-Lab	43.6366, -3.9161, 23.1661

Details

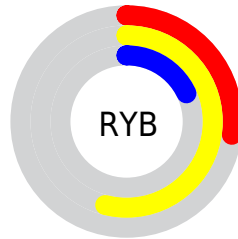
The XYZ color **17.7108, 19.0415, 5.4312** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **7.6499, 6.2196, 24.8419**, and the grayscale version is **17.0239, 17.9104, 19.5045**.

A 20% lighter version of the original color is **39.1120, 41.8189, 17.0768**, and **6.0637, 6.5660, 0.9478** is the 20% darker color. If you saturate the color by 10%, you get **17.1519, 18.3009, 4.0821**, and if you desaturate by 10%, it is **18.3680, 19.8378, 7.2479**.

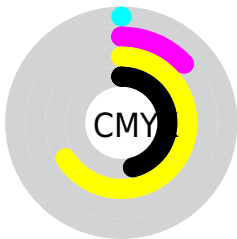
Distribution



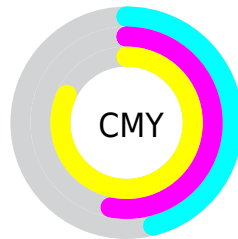
- Red (54%)
- Green (47%)
- Blue (18%)



- Red (27%)
- Yellow (54%)
- Blue (18%)



- Cyan (0%)
- Magenta (13%)
- Yellow (66%)
- Black (46%)



- Cyan (46%)
- Magenta (53%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7108, 19.0415, 5.4312 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 17.7108, 19.0415, 5.4312 by changing the saturation by 10% instead.

■ 17.7108, 19.0415,
5.4312

■ 17.7108, 19.0415,
5.4312

232.3131,
246.6778, 163.0074

■ 10.8410, 11.7003,
2.4393

■ 39.0779, 41.8042,
17.1952

■ 6.0265, 6.5399,
0.8077

■ 54.3058, 57.9945,
26.8043

■ 2.9020, 3.1761,
0.0000

■ 73.0506, 77.9032,
39.4563

■ 1.1022, 1.2243,
0.0000

■ 95.6774, 101.9148,
55.5696

■ 0.0269, 0.0814,
0.0000

■ 122.5518,
130.4137, 75.5628

■ 0.0000, 0.0000,
0.0000

■ 154.0389,

163.7842, 99.8545

190.5042,
202.4108, 128.8632

■ 17.7108, 19.0415,
5.4312

■ 17.7108, 19.0415,
5.4312

■ 17.1519, 18.3009,
4.0821

■ 18.3680, 19.8378,
7.2479

■ 16.6812, 17.6098,
3.1541

■ 19.1298, 20.6903,
9.5707

■ 16.2858, 16.9635,
2.5768

■ 20.0034, 21.6028,
12.4354

■ 16.1339, 16.7087,
2.3748

■ 20.9950, 22.5777,
15.8742

■ 22.1103, 23.6176,
19.9168

■ 23.3546, 24.7247,
24.5907

■ 24.7330, 25.9010,
29.9220

■ 26.2500, 27.1486,
35.9350

■ 27.9102, 28.4694,
42.6529

Harmonies

Analogous

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



21.9114, 19.0415, 6.4936



17.7108, 19.0415, 5.4312



14.1733, 19.0415, 7.0230

Triad

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



17.7108, 19.0415, 5.4312



12.2846, 19.0415, 35.4376



26.0002, 19.0415, 32.7408

Complementary

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



17.7108, 19.0415, 5.4312



7.6499, 6.2196, 24.8419

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.



22.6885, 19.0415, 45.8571



17.7108, 19.0415, 5.4312



14.7555, 19.0415, 47.7813

Square

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



17.7108, 19.0415, 5.4312



11.3493, 19.0415, 21.8712



18.4916, 19.0415, 52.1701



27.1010, 19.0415, 19.6349

Rectangle

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



17.7108, 19.0415, 5.4312



12.5459, 19.0415, 9.9250



18.4916, 19.0415, 52.1701



25.0864, 19.0415, 37.4382

Sweetspot

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



17.7112, 19.0424, 5.4316



38.0640, 40.7937, 31.7750



12.4577, 7.8204, 5.8846



8.4317, 9.0507, 6.7442



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.7112, 19.0424, 5.4316



29.8211, 31.6698, 6.3316



16.1194, 21.7422, 6.0366



5.3485, 5.6798, 5.3668



14.8028, 15.3401, 2.1807



0.1082, 0.1217, 0.0178

Inverse Universe

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



7.6499, 6.2196, 24.8419



10.7784, 7.4602, 43.2551



8.4513, 5.3360, 24.6291



4.8496, 5.0421, 6.3235



4.5804, 2.4311, 22.2735



0.0389, 0.0331, 0.1508

Previews

White Background



This preview shows how the XYZ color 17.7108, 19.0415, 5.4312 looks on a white 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

Black Background



This preview shows how the XYZ color 17.7108, 19.0415, 5.4312 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 17.7108, 19.0415, 5.4312

Background



This preview shows how black text looks on a background with the XYZ color 17.7108, 19.0415, 5.4312.



This preview shows how white text looks on a background with the XYZ color 17.7108, 19.0415,

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

17.7108, 19.0415, 5.4312

Protanopia

17.3421, 19.0309, 5.4486

Deuteranopia

19.2628, 18.9672, 5.5515



Tritanopia

20.7470, 18.8981, 20.6434

Trichromacy



Original Color

17.7108, 19.0415, 5.4312

Protanomaly

17.5038, 19.1142, 5.4562

Deuteranomaly

18.7489, 19.0470, 5.4846

Tritanomaly

19.3064, 18.8204, 13.2048

Monochromacy



Original Color

17.7108, 19.0415, 5.4312

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8676, 18.0895, 12.7278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7108, 19.0415, 5.4312 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(138, 120, 47)` looks like.

```
.text, #text, p{  
    color:rgb(138, 120, 47)  
}
```

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(138, 120, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 120, 47) }
```

Border

The CSS property to change the border of an element to XYZ 17.7108, 19.0415, 5.4312 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(138, 120, 47) }
```


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

```
.border{ border-color:rgb(138, 120, 47) }
```

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

Here you see how a box with a 4 pixel rgb(138, 120, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 120, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 120, 47);  
box-shadow:4px 4px 4px 4px rgb(138, 120,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7108, 19.0415, 5.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 120, 47) }
```

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

```
.background{ background-color: rgb(138,  
120, 47) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor