

Converting Colors

XYZ(17.9349, 18.2087, 5.8408)

Have a look what the booklet for
XYZ(17.9349, 18.2087, 5.8408)
contains.

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Color

**XYZ(17.9059, 18.2602,
5.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7334
RGB	142, 115, 52
RGB Percent	56%, 45%, 20%
CMY	0.4431, 0.5490, 0.7961
CMYK	0.00, 0.19, 0.63, 0.44
HSL	42°, 46%, 38%
HSV	42°, 63%, 56%
XYZ	17.9059, 18.2602, 5.8296
YIQ	115.8910, 36.3150, -13.8690

Conversions

Conversions Part 2

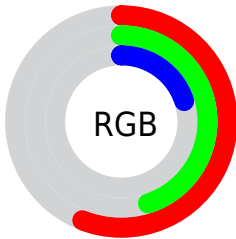
Format	Color
RYB	91, 142, 52
Decimal	9335604
CIELab	49.81, 2.97, 38.09
CIELCh	50, 38.201, 85.547
Yxy	18.2602, 0.4264, 0.4348
Android (android.graphics.Color)	4287525684 (0xFF8E7334)
YUV	115.8910, -31.4983, 22.8976
Hunter-Lab	42.7320, 0.0156, 21.8239

Details

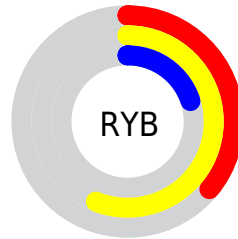
The XYZ color **17.9059, 18.2602, 5.8296** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.0945, 8.2746, 26.7089**, and the grayscale version is **16.6531, 17.5204, 19.0797**.

A 20% lighter version of the original color is **39.4564, 40.5828, 18.0656**, and **6.1379, 6.1425, 0.9196** is the 20% darker color. If you saturate the color by 10%, you get **17.1585, 17.2026, 4.2331**, and if you desaturate by 10%, it is **18.7728, 19.4029, 7.9412**.

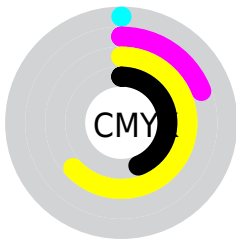
Distribution



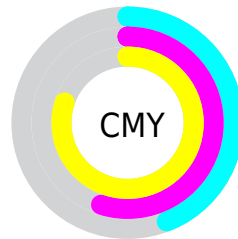
- Red (56%)
- Green (45%)
- Blue (20%)



- Red (36%)
- Yellow (56%)
- Blue (20%)



- Cyan (0%)
- Magenta (19%)
- Yellow (63%)
- Black (44%)



- Cyan (44%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9059, 18.2602, 5.8296 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 17.9059, 18.2602, 5.8296 by changing the saturation by 10% instead.

■ 17.9059, 18.2602,
5.8296

■ 17.9059, 18.2602,
5.8296

233.3960,
242.3336, 166.7935

■ 10.9817, 11.1370,
2.6746

■ 39.4083, 40.4802,
18.0477

■ 6.1218, 6.1590,
0.9306

■ 54.7172, 56.3458,
27.9479

■ 2.9606, 2.9420,
0.0000

■ 73.5517, 75.8942,
40.9336

■ 1.1330, 1.1015,
0.0000

■ 96.2772, 99.5099,
57.4234

■ 0.0524, 0.0000,
0.0000

■ 123.2590,
127.5773, 77.8357

■ 0.0000, 0.0000,
0.0000

■ 154.8625,

160.4808, 102.5891

191.4530,
198.6048, 132.1022

■ 17.9059, 18.2602,
5.8296

■ 17.9059, 18.2602,
5.8296

■ 17.1585, 17.2026,
4.2331

■ 18.7728, 19.4029,
7.9412

■ 16.5202, 16.2234,
3.1033

■ 19.7661, 20.6319,
10.6080

■ 15.9804, 15.3185,
2.3845

■ 20.8935, 21.9513,
13.8675

■ 15.6557, 14.7515,
2.0222

■ 22.1618, 23.3644,
17.7537

■ 23.5771, 24.8741,
22.2978

■ 25.1453, 26.4830,
27.5291

■ 26.8717, 28.1939,
33.4750

■ 28.7616, 30.0093,
40.1614

■ 30.8200, 31.9314,
47.6129

Harmonies

Analogous

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



21.6325, 18.2602, 7.4949



17.9059, 18.2602, 5.8296



14.5041, 18.2602, 6.7103

Triad

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



17.9059, 18.2602, 5.8296



11.7669, 18.2602, 29.8607



23.8036, 18.2602, 33.5443

Complementary

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



17.9059, 18.2602, 5.8296



9.0945, 8.2746, 26.7089

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.



20.5587, 18.2602, 44.0613



17.9059, 18.2602, 5.8296



13.6835, 18.2602, 41.4639

Square

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



17.9059, 18.2602, 5.8296



11.2616, 18.2602, 18.3635



16.8170, 18.2602, 47.3753



25.3271, 18.2602, 21.4825

Rectangle

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



17.9059, 18.2602, 5.8296



12.8162, 18.2602, 8.8740



16.8170, 18.2602, 47.3753



22.8576, 18.2602, 37.5224

Sweetspot

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



17.9063, 18.2611, 5.8300



40.0433, 42.2413, 34.3579



13.7946, 8.7714, 8.3633



8.8063, 9.2867, 7.2369



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.9063, 18.2611, 5.8300



29.7624, 29.5936, 6.5327



18.6050, 23.8789, 6.8775



5.7048, 6.0160, 5.7499



14.0731, 13.2778, 1.8211



0.1539, 0.1656, 0.0239

Inverse Universe

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



9.0945, 8.2746, 26.7089



12.9726, 10.6235, 46.4947



8.6364, 5.7112, 26.2382



5.2533, 5.5023, 6.8139



5.1608, 3.3077, 23.3435



0.0668, 0.0666, 0.2290

Previews

White Background



This preview shows how the XYZ color 17.9059, 18.2602, 5.8296 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 17.9059, 18.2602, 5.8296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

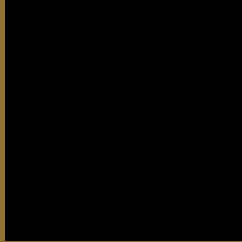
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9059, 18.2602, 5.8296

Background



This preview shows how black text looks on a background with the XYZ color 17.9059, 18.2602, 5.8296.



This preview shows how white text looks on a background with the XYZ color 17.9059, 18.2602,

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

17.9059, 18.2602, 5.8296

Protanopia

16.7551, 18.3562, 6.0282

Deuteranopia

18.5804, 18.2703, 5.9154



Tritanopia

20.5476, 18.1891, 18.9509

Trichromacy



Original Color

17.9059, 18.2602, 5.8296

Protanomaly

17.2744, 18.4481, 6.0186

Deuteranomaly

18.3370, 18.3114, 5.9362

Tritanomaly

19.3373, 18.1789, 12.8456

Monochromacy



Original Color

17.9059, 18.2602, 5.8296

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6786, 17.6411, 12.8819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9059, 18.2602, 5.8296 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(142, 115, 52)` looks like.

```
.text, #text, p{  
    color:rgb(142, 115, 52)  
}
```

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(142, 115, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 115, 52) }
```

Border

The CSS property to change the border of an element to XYZ 17.9059, 18.2602, 5.8296 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(142, 115, 52) }
```


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

```
.border{ border-color:rgb(142, 115, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 115, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 115, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 115, 52);  
box-shadow:4px 4px 4px 4px rgb(142, 115,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9059, 18.2602, 5.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 115, 52) }
```

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

```
.background{ background-color: rgb(142,  
115, 52) }
```

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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