

Converting Colors

XYZ(17.2467, 17.2789, 4.5883)

Have a look what the booklet for
XYZ(17.2467, 17.2789, 4.5883)
contains.

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Color

**XYZ(17.2577, 17.2868,
4.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6F2A
RGB	142, 111, 42
RGB Percent	56%, 44%, 16%
CMY	0.4431, 0.5647, 0.8353
CMYK	0.00, 0.22, 0.70, 0.44
HSL	41°, 54%, 36%
HSV	41°, 70%, 56%
XYZ	17.2577, 17.2868, 4.6176
YIQ	112.4030, 40.6250, -14.8870

Conversions

Conversions Part 2

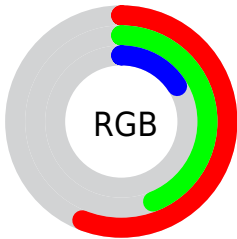
Format	Color
RYB	87, 142, 42
Decimal	9334570
CIELab	48.62, 4.60, 41.67
CIElCh	49, 41.920, 83.704
Yxy	17.2868, 0.4407, 0.4414
Android (android.graphics.Color)	4287524650 (0xFF8E6F2A)
YUV	112.4030, -34.7087, 25.9566
Hunter-Lab	41.5774, 1.3303, 22.5194

Details

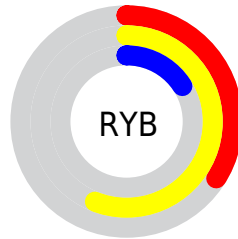
The XYZ color **17.2577, 17.2868, 4.6176** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.2198, 7.2101, 26.5496**, and the grayscale version is **15.6107, 16.4236, 17.8853**.

A 20% lighter version of the original color is **38.0974, 38.6018, 15.3405**, and **5.8579, 5.7415, 0.7995** is the 20% darker color. If you saturate the color by 10%, you get **16.5789, 16.2663, 3.3521**, and if you desaturate by 10%, it is **18.0511, 18.3924, 6.3660**.

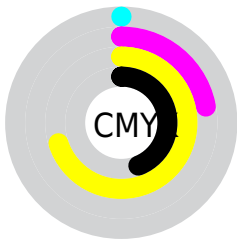
Distribution



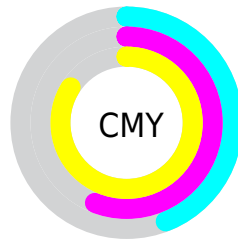
- Red (56%)
- Green (44%)
- Blue (16%)



- Red (34%)
- Yellow (56%)
- Blue (16%)



- Cyan (0%)
- Magenta (22%)
- Yellow (70%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2577, 17.2868, 4.6176 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 17.2577, 17.2868, 4.6176 by changing the saturation by 10% instead.

■ 17.2577, 17.2868,
4.6176

■ 17.2577, 17.2868,
4.6176

229.7805,
236.8197, 154.8608

■ 10.5148, 10.4392,
1.9699

■ 38.3084, 38.8182,
15.4108

■ 5.8065, 5.6911,
0.5367

■ 53.3470, 54.2708,
24.3934

■ 2.7673, 2.6582,
0.0000

■ 71.8815, 73.3606,
36.3247

■ 1.0319, 0.9560,
0.0000

■ 94.2772, 96.4718,
51.6232

■ 0.0000, 0.0000,
0.0000

■ 120.8997,
123.9889, 70.7076

■ 152.1141,

156.2964, 93.9963

188.2859,
193.7785, 121.9078

■ 17.2577, 17.2868,
4.6176

■ 17.2577, 17.2868,
4.6176

■ 16.5789, 16.2663,
3.3521

■ 18.0511, 18.3924,
6.3660

■ 16.0030, 15.3236,
2.5158

■ 18.9668, 19.5846,
8.6417

■ 15.5215, 14.4832,
1.9775

■ 20.0130, 20.8679,
11.4848

■ 21.1969, 22.2458,
14.9315

■ 22.5251, 23.7213,
19.0148

■ 24.0037, 25.2973,
23.7655

■ 25.6384, 26.9767,
29.2122

■ 27.4346, 28.7620,
35.3817

■ 29.3974, 30.6559,
42.2998

Harmonies

Analogous

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



21.2250, 17.2868, 6.3665



17.2577, 17.2868, 4.6176



13.6251, 17.2868, 5.3010

Triad

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



17.2577, 17.2868, 4.6176



10.5309, 17.2868, 28.7206



23.1643, 17.2868, 34.4087

Complementary

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



17.2577, 17.2868, 4.6176



8.2198, 7.2101, 26.5496

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.



19.5970, 17.2868, 45.7483



17.2577, 17.2868, 4.6176



12.4187, 17.2868, 41.6640

Square

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



17.2577, 17.2868, 4.6176



10.1048, 17.2868, 16.5871



15.6303, 17.2868, 48.8232



24.9626, 17.2868, 21.2500

Rectangle

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



17.2577, 17.2868, 4.6176



11.8194, 17.2868, 7.2620



15.6303, 17.2868, 48.8232



22.1078, 17.2868, 38.7386

Sweetspot

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



17.2581, 17.2876, 4.6179



39.4715, 41.5583, 32.7470



13.2082, 7.8968, 7.2482



8.6871, 9.1405, 6.9123



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.



17.2581, 17.2876, 4.6179



28.5712, 27.6139, 4.8941



18.3550, 23.7734, 5.8120



5.7004, 6.0072, 5.7484



13.9528, 13.0374, 1.7811



0.1531, 0.1640, 0.0236

Inverse Universe

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



8.2198, 7.2101, 26.5496



11.6547, 8.8414, 46.2202



7.5943, 4.5802, 26.0749



5.2575, 5.5108, 6.8153



5.2079, 3.4018, 23.3592



0.0676, 0.0682, 0.2293

Previews

White Background



This preview shows how the XYZ color 17.2577, 17.2868, 4.6176 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 17.2577, 17.2868, 4.6176 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 17.2577, 17.2868, 4.6176

Background



This preview shows how black text looks on a background with the XYZ color 17.2577, 17.2868, 4.6176.



This preview shows how white text looks on a background with the XYZ color 17.2577, 17.2868,

4.6176.

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

17.2577, 17.2868, 4.6176

Protanopia

15.7347, 17.3323, 4.8017

Deuteranopia

17.4954, 17.2483, 4.5976



Tritanopia

19.9076, 17.2735, 17.6141

Trichromacy



Original Color

17.2577, 17.2868, 4.6176

Protanomaly

16.2849, 17.2774, 4.7621

Deuteranomaly

17.3215, 17.1587, 4.5895

Tritanomaly

18.6550, 17.2233, 11.3580

Monochromacy



Original Color

17.2577, 17.2868, 4.6176

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.6828, 16.4874, 11.3726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2577, 17.2868, 4.6176 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, 111, 42)` looks like.

```
.text, #text, p{  
    color:rgb(142, 111, 42)  
}
```

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, 111, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 111, 42) }
```

Border

The CSS property to change the border of an element to XYZ 17.2577, 17.2868, 4.6176 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, 111, 42) }
```


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

```
.border{ border-color:rgb(142, 111, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 111, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 111, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 111, 42);  
box-shadow:4px 4px 4px 4px rgb(142, 111,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2577, 17.2868, 4.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 111, 42) }
```

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

```
.background{ background-color: rgb(142,  
111, 42) }
```

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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