

Converting Colors

XYZ(17.4788, 17.0774, 4.3218)

Have a look what the booklet for
XYZ(17.4788, 17.0774, 4.3218)
contains.

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Color

**XYZ(17.5119, 17.1035,
4.2978)**

Conversions

Conversions Part 1

Format	Color
Hex	916D27
RGB	145, 109, 39
RGB Percent	57%, 43%, 15%
CMY	0.4314, 0.5725, 0.8470
CMYK	0.00, 0.25, 0.73, 0.43
HSL	40°, 58%, 36%
HSV	40°, 73%, 57%
XYZ	17.5119, 17.1035, 4.2978
YIQ	111.7840, 43.9260, -14.1380

Conversions

Conversions Part 2

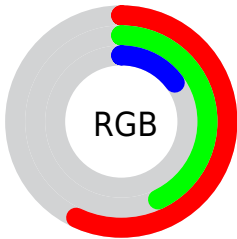
Format	Color
R _Y B	94, 145, 39
Decimal	9530663
CIE Lab	48.39, 6.97, 42.92
CIE LCh	48, 43.483, 80.778
Yxy	17.1035, 0.4500, 0.4395
Android (android.graphics.Color)	4287720743 (0xFF916D27)
YUV	111.7840, -35.8825, 29.1304
Hunter-Lab	41.3564, 3.2102, 22.7880

Details

The XYZ color **17.5119, 17.1035, 4.2978** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.4635, 7.5076, 27.7909**, and the grayscale version is **15.4310, 16.2346, 17.6795**.

A 20% lighter version of the original color is **38.6894, 38.4027, 14.6058**, and **6.0370, 5.6694, 0.7761** is the 20% darker color. If you saturate the color by 10%, you get **16.8055, 16.0045, 3.0952**, and if you desaturate by 10%, it is **18.3404, 18.2998, 5.9946**.

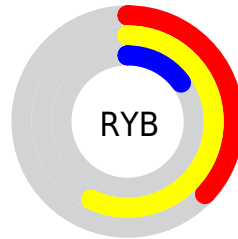
Distribution



Red (57%)

Green (43%)

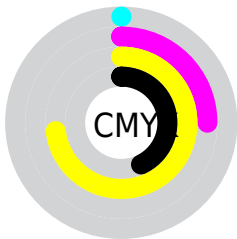
Blue (15%)



Red (37%)

Yellow (57%)

Blue (15%)

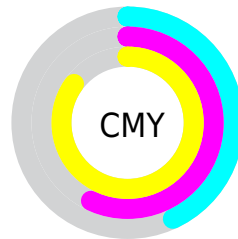


Cyan (0%)

Magenta (25%)

Yellow (73%)

Black (43%)



Cyan (43%)

Magenta (57%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5119, 17.1035, 4.2978 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 17.5119, 17.1035, 4.2978 by changing the saturation by 10% instead.

■ 17.5119, 17.1035,
4.2978

■ 17.5119, 17.1035,
4.2978

231.2045,
235.7681, 151.4800

■ 10.6977, 10.3083,
1.7901

■ 38.7405, 38.5036,
14.6910

■ 5.9297, 5.6039,
0.4214

■ 53.8856, 53.8774,
23.4135

■ 2.8426, 2.6057,
0.0000

■ 72.5383, 72.8794,
35.0447

■ 1.0711, 0.9295,
0.0000

■ 95.0641, 95.8942,
50.0031

■ 0.0007, 0.0000,
0.0000

■ 121.8282,
123.3060, 68.7074

■ 0.0000, 0.0000,
0.0000

■ 153.1961,

155.4994, 91.5759

189.5331,
192.8586, 119.0273

■ 17.5119, 17.1035,
4.2978

■ 17.5119, 17.1035,
4.2978

■ 16.8055, 16.0045,
3.0952

■ 18.3404, 18.2998,
5.9946

■ 16.2084, 14.9949,
2.3273

■ 19.2997, 19.5956,
8.2343

■ 15.8379, 14.3416,
1.9335

■ 20.3988, 20.9958,
11.0607

■ 21.6456, 22.5044,
14.5127

■ 23.0472, 24.1250,
18.6262

■ 24.6103, 25.8608,
23.4339

■ 26.3412, 27.7150,
28.9667

■ 28.2457, 29.6907,
35.2534

■ 30.3294, 31.7906,
42.3213

Harmonies

Analogous

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



21.5823, 17.1035, 6.2941



17.5119, 17.1035, 4.2978



13.6937, 17.1035, 4.7413

Triad

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



17.5119, 17.1035, 4.2978



10.1079, 17.1035, 27.5140



22.9231, 17.1035, 36.1696

Complementary

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



17.5119, 17.1035, 4.2978



8.4635, 7.5076, 27.7909

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.



19.1203, 17.1035, 47.4888



17.5119, 17.1035, 4.2978



11.8878, 17.1035, 41.2392

Square

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



17.5119, 17.1035, 4.2978



9.8206, 17.1035, 15.3314



15.0623, 17.1035, 49.6492



25.0247, 17.1035, 22.3545

Rectangle

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



17.5119, 17.1035, 4.2978



11.7592, 17.1035, 6.4812



15.0623, 17.1035, 49.6492



21.7748, 17.1035, 40.5938

Sweetspot

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



17.5123, 17.1043, 4.2981



41.4457, 43.3983, 33.8726



13.7106, 7.9941, 7.6764



9.0812, 9.4968, 7.1189



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.5123, 17.1043, 4.2981



29.3563, 27.4274, 4.5388



19.5600, 25.0721, 5.7281



5.6874, 5.9811, 5.7441



13.6094, 12.3505, 1.6666



0.1506, 0.1590, 0.0228

Inverse Universe

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



8.4635, 7.5076, 27.7909



12.2965, 9.4361, 49.1468



7.4066, 4.3050, 27.2285



5.2700, 5.5357, 6.8195



5.3567, 3.6993, 23.4088



0.0701, 0.0732, 0.2301

Previews

White Background



This preview shows how the XYZ color 17.5119, 17.1035, 4.2978 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 17.5119, 17.1035, 4.2978 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 17.5119, 17.1035, 4.2978

Background



This preview shows how black text looks on a background with the XYZ color 17.5119, 17.1035, 4.2978.



This preview shows how white text looks on a background with the XYZ color 17.5119, 17.1035,

4.2978.

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

17.5119, 17.1035, 4.2978

Protanopia

15.5842, 17.0887, 4.5749

Deuteranopia

17.3364, 17.0131, 4.2896



Tritanopia

20.1435, 17.1126, 16.9932

Trichromacy



Original Color

17.5119, 17.1035, 4.2978

Protanomaly

16.2798, 17.1144, 4.4528

Deuteranomaly

17.3364, 17.0131, 4.2896

Tritanomaly

18.8646, 17.0391, 10.6821

Monochromacy



Original Color

17.5119, 17.1035, 4.2978

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.6363, 16.3098, 10.9183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5119, 17.1035, 4.2978 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(145, 109, 39)` looks like.

```
.text, #text, p{  
    color:rgb(145, 109, 39)  
}
```

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(145, 109, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 109, 39) }
```

Border

The CSS property to change the border of an element to XYZ 17.5119, 17.1035, 4.2978 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(145, 109, 39) }
```


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

```
.border{ border-color:rgb(145, 109, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 109, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 109, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 109, 39);  
box-shadow:4px 4px 4px 4px rgb(145, 109,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5119, 17.1035, 4.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 109, 39) }
```

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

```
.background{ background-color: rgb(145,  
109, 39) }
```

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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