

Converting Colors

XYZ(17.6195, 16.0818, 4.6581)

Have a look what the booklet for
XYZ(17.6195, 16.0818, 4.6581)
contains.

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Color

**XYZ(17.6195, 16.0818,
4.6581)**

Conversions

Conversions Part 1

Format	Color
Hex	95662D
RGB	149, 102, 45
RGB Percent	58%, 40%, 18%
CMY	0.4157, 0.6000, 0.8235
CMYK	0.00, 0.32, 0.70, 0.42
HSL	33°, 54%, 38%
HSV	33°, 70%, 58%
XYZ	17.6195, 16.0818, 4.6581
YIQ	109.5550, 46.3090, -7.7630

Conversions

Conversions Part 2

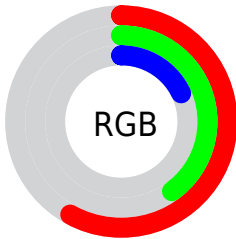
Format	Color
R_{YB}	131, 149, 45
Decimal	9791021
CIE _{Lab}	47.08, 13.19, 38.81
CIE _{LCh}	47, 40.993, 71.229
Yxy	16.0818, 0.4593, 0.4192
Android (android.graphics.Color)	4287981101 (0xFF95662D)
YUV	109.5550, -31.8256, 34.5933
Hunter-Lab	40.1021, 8.2481, 21.1846

Details

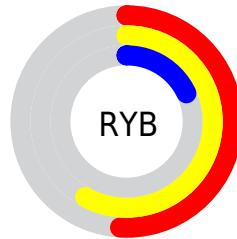
The XYZ color **17.6195, 16.0818, 4.6581** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.3340, 10.3817, 29.8929**, and the grayscale version is **14.7729, 15.5422, 16.9255**.

A 20% lighter version of the original color is **38.8206, 36.6946, 15.3926**, and **5.9823, 5.1121, 0.6714** is the 20% darker color. If you saturate the color by 10%, you get **16.7467, 14.7172, 3.1932**, and if you desaturate by 10%, it is **18.6481, 17.5961, 6.6749**.

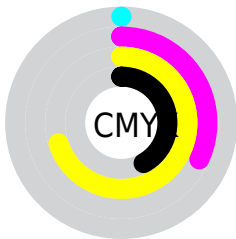
Distribution



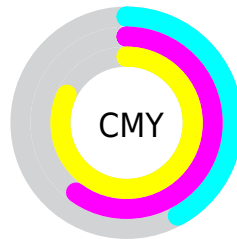
- Red (58%)
- Green (40%)
- Blue (18%)



- Red (51%)
- Yellow (58%)
- Blue (18%)



- Cyan (0%)
- Magenta (32%)
- Yellow (70%)
- Black (42%)



- Cyan (42%)
- Magenta (60%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6195, 16.0818, 4.6581 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 17.6195, 16.0818, 4.6581 by changing the saturation by 10% instead.

■ 17.6195, 16.0818,
4.6581

■ 17.6195, 16.0818,
4.6581

231.8048,
229.8239, 155.2811

■ 10.7752, 9.5821,
1.9929

■ 38.9231, 36.7402,
15.5012

■ 5.9820, 5.1227,
0.5509

■ 54.1130, 51.6676,
24.5161

■ 2.8747, 2.3195,
0.0000

■ 72.8156, 70.1730,
36.4846

■ 1.0879, 0.7840,
0.0000

■ 95.3961, 92.6408,
51.8254

■ 0.0149, 0.0000,
0.0000

■ 122.2199,
119.4554, 70.9569

■ 0.0000, 0.0000,
0.0000

■ 153.6524,

151.0012, 94.2976

190.0589,
187.6626, 122.2662

■ 17.6195, 16.0818,
4.6581

■ 17.6195, 16.0818,
4.6581

■ 16.7467, 14.7172,
3.1932

■ 18.6481, 17.5961,
6.6749

■ 16.0161, 13.4927,
2.2197

■ 19.8421, 19.2639,
9.2936

■ 15.3986, 12.3954,
1.5896

■ 21.2118, 21.0918,
12.5596

■ 15.3867, 12.3742,
1.5775

■ 22.7657, 23.0852,
16.5136

■ 24.5121, 25.2490,
21.1928

■ 26.4586, 27.5882,
26.6320

■ 28.6124, 30.1072,
32.8635

■ 30.9800, 32.8103,
39.9178

■ 33.5681, 35.7018,
47.8237

Harmonies

Analogous

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



21.0964, 16.0818, 7.4342



17.6195, 16.0818, 4.6581



13.9781, 16.0818, 4.3849

Triad

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



17.6195, 16.0818, 4.6581



9.4576, 16.0818, 21.6560



20.3094, 16.0818, 37.0207

Complementary

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



17.6195, 16.0818, 4.6581



10.3340, 10.3817, 29.8929

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.



16.6715, 16.0818, 44.9948



17.6195, 16.0818, 4.6581



10.6532, 16.0818, 34.0696

Square

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



17.6195, 16.0818, 4.6581



9.6295, 16.0818, 11.8808



13.1669, 16.0818, 43.7422



22.8097, 16.0818, 24.6853

Rectangle

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



17.6195, 16.0818, 4.6581



11.9738, 16.0818, 5.4503



13.1669, 16.0818, 43.7422



19.1571, 16.0818, 40.4834

Sweetspot

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



17.6199, 16.0826, 4.6584



43.3647, 44.5656, 36.4976



15.3324, 9.0663, 11.4223



9.4350, 9.6607, 7.6144



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.6199, 16.0826, 4.6584



29.1892, 25.0317, 4.5900



22.9923, 27.7526, 6.6278



6.0484, 6.3106, 6.1397



12.9801, 10.4745, 1.3377



0.1884, 0.1872, 0.0262

Inverse Universe

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



10.3340, 10.3817, 29.8929



15.2885, 14.1936, 52.8551



7.6044, 4.6867, 28.9375



5.7024, 6.0388, 7.3348



6.3006, 5.2961, 24.6212



0.1059, 0.1224, 0.3109

Previews

White Background



This preview shows how the XYZ color 17.6195, 16.0818, 4.6581 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 17.6195, 16.0818, 4.6581 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 17.6195, 16.0818, 4.6581

Background



This preview shows how black text looks on a background with the XYZ color 17.6195, 16.0818, 4.6581.



This preview shows how white text looks on a background with the XYZ color 17.6195, 16.0818,

4.6581.

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

17.6195, 16.0818, 4.6581

Protanopia

14.7851, 16.1617, 5.1366

Deuteranopia

16.2561, 15.9789, 4.6103



Tritanopia

19.7679, 16.1173, 14.9010

Trichromacy



Original Color

17.6195, 16.0818, 4.6581

Protanomaly

15.7072, 15.9987, 4.9495

Deuteranomaly

16.8339, 16.1246, 4.6080

Tritanomaly

18.8396, 16.0200, 10.0819

Monochromacy



Original Color

17.6195, 16.0818, 4.6581

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.2496, 15.4724, 10.9868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6195, 16.0818, 4.6581 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(149, 102, 45)` looks like.

```
.text, #text, p{  
    color:rgb(149, 102, 45)  
}
```

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(149, 102, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 102, 45) }
```

Border

The CSS property to change the border of an element to XYZ 17.6195, 16.0818, 4.6581 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(149, 102, 45) }
```


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

```
.border{ border-color:rgb(149, 102, 45) }
```

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

Here you see how a box with a 4 pixel rgb(149, 102, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 102, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 102, 45);  
box-shadow:4px 4px 4px 4px rgb(149, 102,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6195, 16.0818, 4.6581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 102, 45) }
```

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

```
.background{ background-color: rgb(149,  
102, 45) }
```

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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