

Converting Colors

XYZ(17.7136, 17.4084, 5.0809)

Have a look what the booklet for
XYZ(17.7136, 17.4084, 5.0809)
contains.

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Color

**XYZ(17.7661, 17.3768,
5.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	916E2F
RGB	145, 110, 47
RGB Percent	57%, 43%, 18%
CMY	0.4314, 0.5686, 0.8157
CMYK	0.00, 0.24, 0.68, 0.43
HSL	39°, 51%, 38%
HSV	39°, 68%, 57%
XYZ	17.7661, 17.3768, 5.1070
YIQ	113.2830, 41.0830, -12.1730

Conversions

Conversions Part 2

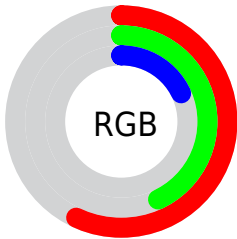
Format	Color
R_{YB}	101, 145, 47
Decimal	9530927
CIE _{Lab}	48.73, 6.87, 39.48
CIE _{LCh}	49, 40.072, 80.131
Yxy	17.3768, 0.4414, 0.4317
Android (android.graphics.Color)	4287721007 (0xFF916E2F)
YUV	113.2830, -32.6775, 27.8158
Hunter-Lab	41.6855, 3.1260, 21.9161

Details

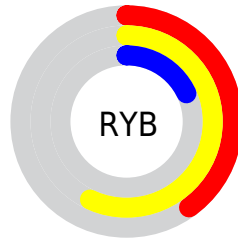
The XYZ color **17.7661, 17.3768, 5.1070** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.3003, 8.6830, 27.9739**, and the grayscale version is **15.8661, 16.6924, 18.1780**.

A 20% lighter version of the original color is **39.2133, 38.8908, 16.5062**, and **6.0919, 5.7792, 0.7944** is the 20% darker color. If you saturate the color by 10%, you get **16.9785, 16.1944, 3.6335**, and if you desaturate by 10%, it is **18.6844, 18.6651, 7.1040**.

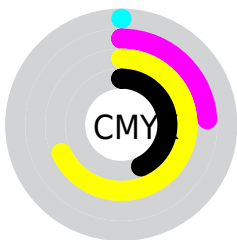
Distribution



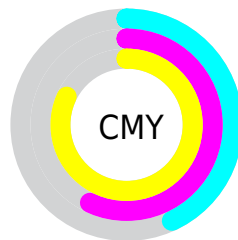
- Red (57%)
- Green (43%)
- Blue (18%)



- Red (40%)
- Yellow (57%)
- Blue (18%)



- Cyan (0%)
- Magenta (24%)
- Yellow (68%)
- Black (43%)



- Cyan (43%)
- Magenta (57%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7661, 17.3768, 5.1070 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 17.7661, 17.3768, 5.1070 by changing the saturation by 10% instead.

■ 17.7661, 17.3768,
5.1070

■ 17.7661, 17.3768,
5.1070

232.6205,
237.3345, 159.8327

■ 10.8809, 10.5035,
2.2503

■ 39.1716, 38.9725,
16.4916

■ 6.0535, 5.7341,
0.7032

■ 54.4225, 54.4637,
25.8566

■ 2.9186, 2.6841,
0.0000

■ 73.1927, 73.5963,
38.2281

■ 1.1109, 0.9691,
0.0000

■ 95.8476, 96.7547,
54.0248

■ 0.0342, 0.0000,
0.0000

■ 122.7525,
124.3234, 73.6650

■ 0.0000, 0.0000,
0.0000

■ 154.2727,

156.6866, 97.5674

190.7736,
194.2289, 126.1504

■ 17.7661, 17.3768,
5.1070

■ 17.7661, 17.3768,
5.1070

■ 16.9785, 16.1944,
3.6335

■ 18.6844, 18.6651,
7.1040

■ 16.3097, 15.1103,
2.6293

■ 19.7415, 20.0613,
9.6695

■ 15.7408, 14.1166,
1.9957

■ 20.9459, 21.5703,
12.8447

■ 15.6106, 13.8869,
1.8577

■ 22.3052, 23.1962,
16.6668

■ 23.8263, 24.9423,
21.1697

■ 25.5158, 26.8121,
26.3853

■ 27.3797, 28.8089,
32.3433

■ 29.4238, 30.9356,
39.0715

■ 31.6535, 33.1952,
46.5967

Harmonies

Analogous

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



21.5107, 17.3768, 7.1931



17.7661, 17.3768, 5.1070



14.1861, 17.3768, 5.5112

Triad

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



17.7661, 17.3768, 5.1070



10.6952, 17.3768, 26.8368



22.6019, 17.3768, 35.2223

Complementary

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



17.7661, 17.3768, 5.1070



9.3003, 8.6830, 27.9739

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.



19.0883, 17.3768, 45.2307



17.7661, 17.3768, 5.1070



12.3615, 17.3768, 39.2685

Square

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



17.7661, 17.3768, 5.1070



10.4506, 17.3768, 15.6378



15.3262, 17.3768, 46.9385



24.5656, 17.3768, 22.6329

Rectangle

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



17.7661, 17.3768, 5.1070



12.3410, 17.3768, 7.2245



15.3262, 17.3768, 46.9385



21.5403, 17.3768, 39.1713

Sweetspot

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



17.7665, 17.3777, 5.1073



41.8679, 43.7602, 35.5010



14.2524, 8.6764, 9.0939



9.1611, 9.5600, 7.4432



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.



17.7665, 17.3777, 5.1073



29.7693, 27.9894, 5.4908



20.1438, 25.3562, 6.5221



5.6797, 5.9657, 5.7415



13.4148, 11.9614, 1.6017



0.1491, 0.1561, 0.0223

Inverse Universe

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



9.3003, 8.6830, 27.9739



13.5683, 11.4197, 49.4626



7.9950, 5.0403, 27.3395



5.2774, 5.5505, 6.8220



5.4515, 3.8890, 23.4404



0.0716, 0.0761, 0.2306

Previews

White Background



This preview shows how the XYZ color 17.7661, 17.3768, 5.1070 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 17.7661, 17.3768, 5.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

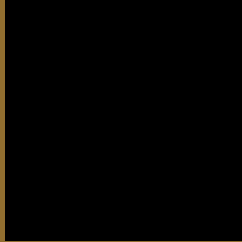
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7661, 17.3768, 5.1070

Background



This preview shows how black text looks on a background with the XYZ color 17.7661, 17.3768, 5.1070.



This preview shows how white text looks on a background with the XYZ color 17.7661, 17.3768,

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

17.7661, 17.3768, 5.1070

Protanopia

15.8530, 17.3797, 5.4248

Deuteranopia

17.5906, 17.2864, 5.0988



Tritanopia

20.2972, 17.3322, 17.3146

Trichromacy



Original Color

17.7661, 17.3768, 5.1070

Protanomaly

16.5425, 17.3989, 5.2828

Deuteranomaly

17.5906, 17.2864, 5.0988

Tritanomaly

19.1282, 17.3085, 11.5652

Monochromacy



Original Color

17.7661, 17.3768, 5.1070

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.0548, 16.6696, 11.8226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7661, 17.3768, 5.1070 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, 110, 47)` looks like.

```
.text, #text, p{  
    color:rgb(145, 110, 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(145, 110, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 110, 47) }
```

Border

The CSS property to change the border of an element to XYZ 17.7661, 17.3768, 5.1070 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, 110, 47) }
```


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

```
.border{ border-color:rgb(145, 110, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 110, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 110, 47); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 110, 47); box-shadow:4px 4px 4px 4px rgb(145, 110, 47) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7661, 17.3768, 5.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 110, 47) }
```

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

```
.background{ background-color: rgb(145,  
110, 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](#).

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