

Converting Colors

XYZ(17.0082, 15.4723, 5.5287)

Have a look what the booklet for
XYZ(17.0082, 15.4723, 5.5287)
contains.

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Color

**XYZ(17.0771, 15.4917,
5.5802)**

Conversions

Conversions Part 1

Format	Color
Hex	926436
RGB	146, 100, 54
RGB Percent	57%, 39%, 21%
CMY	0.4275, 0.6078, 0.7882
CMYK	0.00, 0.32, 0.63, 0.43
HSL	30°, 46%, 39%
HSV	30°, 63%, 57%
XYZ	17.0771, 15.4917, 5.5802
YIQ	108.5100, 42.1820, -4.5540

Conversions

Conversions Part 2

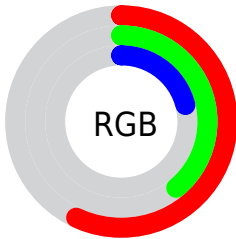
Format	Color
RYB	146, 146, 54
Decimal	9593910
CIELab	46.30, 13.60, 33.13
CIELCh	46, 35.809, 67.676
Yxy	15.4917, 0.4476, 0.4061
Android (android.graphics.Color)	4287783990 (0xFF926436)
YUV	108.5100, -26.8734, 32.8787
Hunter-Lab	39.3595, 8.5676, 19.1458

Details

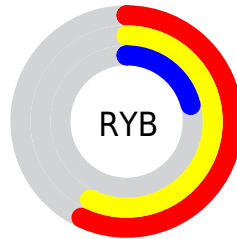
The XYZ color **17.0771, 15.4917, 5.5802** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.2666, 11.9734, 28.9113**, and the grayscale version is **14.4627, 15.2159, 16.5701**.

A 20% lighter version of the original color is **38.0935, 35.7890, 17.4706**, and **5.7306, 4.8390, 0.8617** is the 20% darker color. If you saturate the color by 10%, you get **16.1154, 14.0371, 3.8146**, and if you desaturate by 10%, it is **18.2053, 17.1145, 7.9095**.

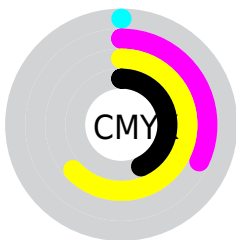
Distribution



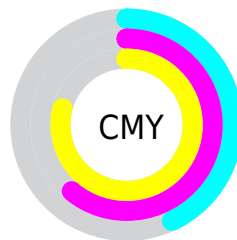
- Red (57%)
- Green (39%)
- Blue (21%)



- Red (57%)
- Yellow (57%)
- Blue (21%)



- Cyan (0%)
- Magenta (32%)
- Yellow (63%)
- Black (43%)



- Cyan (43%)
- Magenta (61%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0771, 15.4917, 5.5802 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 17.0771, 15.4917, 5.5802 by changing the saturation by 10% instead.

■ 17.0771, 15.4917,
5.5802

■ 17.0771, 15.4917,
5.5802

228.7639,
226.3234, 164.4376

■ 10.3851, 9.1652,
2.5269

■ 38.0008, 35.7135,
17.5155

■ 5.7193, 4.8491,
0.8544

■ 52.9633, 50.3776,
27.2346

■ 2.7142, 2.1590,
0.0000

■ 71.4133, 68.5896,
40.0127

■ 1.0045, 0.6975,
0.0000

■ 93.7162, 90.7340,
56.2684

■ 0.0000, 0.0000,
0.0000

■ 120.2374,
117.1952, 76.4202

■ 151.3421,

148.3576, 100.8866

187.3958,
184.6055, 130.0862

■ 17.0771, 15.4917,
5.5802

■ 17.0771, 15.4917,
5.5802

■ 16.1154, 14.0371,
3.8146

■ 18.2053, 17.1145,
7.9095

■ 15.3078, 12.7413,
2.5610

■ 19.5087, 18.9097,
10.8462

■ 14.6418, 11.5972,
1.7597

■ 20.9968, 20.8842,
14.4306

■ 14.2369, 10.8768,
1.3491

■ 22.6779, 23.0435,
18.6993

■ 24.5598, 25.3932,
23.6861

■ 26.6497, 27.9382,
29.4226

■ 28.9545, 30.6835,
35.9384

■ 31.4809, 33.6339,
43.2616

■ 34.2349, 36.7938,
51.4189

Harmonies

Analogous

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



19.8959, 15.4917, 8.5153



17.0771, 15.4917, 5.5802



13.9515, 15.4917, 5.0645

Triad

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



17.0771, 15.4917, 5.5802



9.6242, 15.4917, 19.2229



18.6260, 15.4917, 34.0529

Complementary

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



17.0771, 15.4917, 5.5802



11.2666, 11.9734, 28.9113

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.



15.5253, 15.4917, 39.7184



17.0771, 15.4917, 5.5802



10.5370, 15.4917, 29.4221

Square

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



17.0771, 15.4917, 5.5802



9.9199, 15.4917, 11.2371



12.5984, 15.4917, 37.7805



20.8732, 15.4917, 24.1214

Rectangle

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



17.0771, 15.4917, 5.5802



12.1544, 15.4917, 5.9047



12.5984, 15.4917, 37.7805



17.6333, 15.4917, 36.6523

Sweetspot

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



17.0775, 15.4925, 5.5805



41.1695, 42.1162, 36.0302



15.4735, 9.6696, 13.1076



8.9748, 9.1380, 7.5334



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.



17.0775, 15.4925, 5.5805



27.7524, 23.6947, 5.6226



22.7987, 26.9350, 7.4876



6.0260, 6.2658, 6.1323



12.5509, 9.6162, 1.1946



0.1830, 0.1765, 0.0244

Inverse Universe

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



11.2666, 11.9734, 28.9113



16.6076, 16.9454, 50.3690



8.0289, 5.4981, 27.8320



5.7247, 6.0833, 7.3422



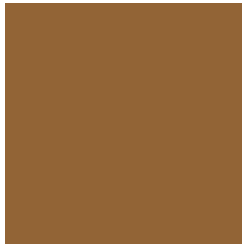
6.6843, 6.0634, 24.7491



0.1112, 0.1331, 0.3127

Previews

White Background



This preview shows how the XYZ color 17.0771, 15.4917, 5.5802 looks on a white background.

Color Contrast Check

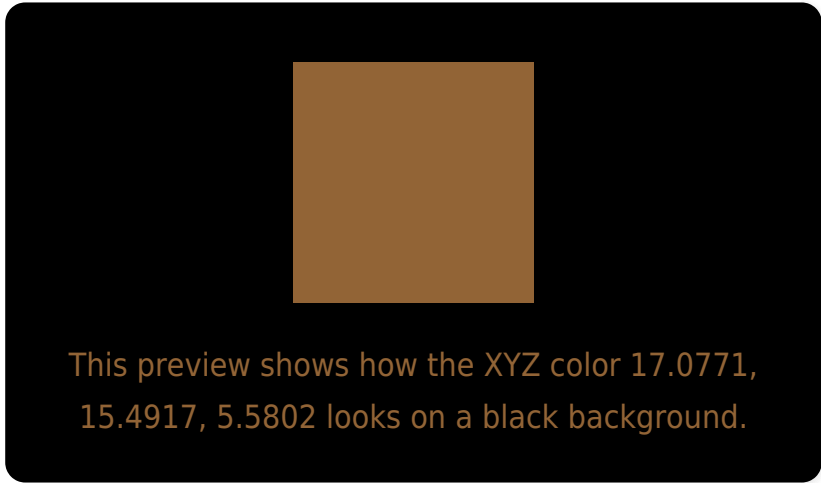
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 17.0771, 15.4917, 5.5802

Background



This preview shows how black text looks on a background with the XYZ color 17.0771, 15.4917, 5.5802.



This preview shows how white text looks on a background with the XYZ color 17.0771, 15.4917,

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

17.0771, 15.4917, 5.5802

Protanopia

14.1996, 15.5122, 6.1167

Deuteranopia

15.8475, 15.5944, 5.5429



Tritanopia

18.8849, 15.5333, 14.5733

Trichromacy



Original Color

17.0771, 15.4917, 5.5802

Protanomaly

15.0738, 15.3394, 5.9077

Deuteranomaly

16.3081, 15.5330, 5.5068

Tritanomaly

18.1271, 15.5012, 10.6309

Monochromacy



Original Color

17.0771, 15.4917, 5.5802

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.9832, 15.1669, 11.5890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0771, 15.4917, 5.5802 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(146, 100, 54)` looks like.

```
.text, #text, p{  
    color:rgb(146, 100, 54)  
}
```

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(146, 100, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 100, 54) }
```

Border

The CSS property to change the border of an element to XYZ 17.0771, 15.4917, 5.5802 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(146, 100, 54) }
```


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

```
.border{ border-color:rgb(146, 100, 54) }
```

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

Here you see how a box with a 4 pixel rgb(146, 100, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 100, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 100, 54);  
box-shadow:4px 4px 4px 4px rgb(146, 100,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0771, 15.4917, 5.5802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 100, 54) }
```

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

```
.background{ background-color: rgb(146,  
100, 54) }
```

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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