

Converting Colors

XYZ(17.6697, 18.9053, 5.4805)

Have a look what the booklet for
XYZ(17.6697, 18.9053, 5.4805)
contains.

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Color

**XYZ(17.6116, 18.8103,
5.4988)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7730
RGB	138, 119, 48
RGB Percent	54%, 47%, 19%
CMY	0.4588, 0.5333, 0.8118
CMYK	0.00, 0.14, 0.65, 0.46
HSL	47°, 48%, 36%
HSV	47°, 65%, 54%
XYZ	17.6116, 18.8103, 5.4988
YIQ	116.5870, 34.1150, -18.0530

Conversions

Conversions Part 2

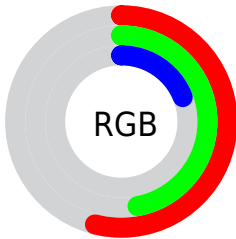
Format	Color
R_{YB}	72, 138, 48
Decimal	9074480
CIE _{Lab}	50.46, -1.43, 40.67
CIE _{LCh}	50, 40.693, 92.019
Yxy	18.8103, 0.4201, 0.4487
Android (android.graphics.Color)	4287264560 (0xFF8A7730)
YUV	116.5870, -33.8134, 18.7792
Hunter-Lab	43.3708, -3.4155, 22.8425

Details

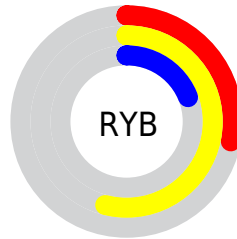
The XYZ color **17.6116, 18.8103, 5.4988** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **7.8135, 6.4775, 24.8833**, and the grayscale version is **16.8750, 17.7538, 19.3339**.

A 20% lighter version of the original color is **38.9687, 41.4582, 17.2576**, and **5.9996, 6.4378, 0.9264** is the 20% darker color. If you saturate the color by 10%, you get **17.0288, 18.0316, 4.1116**, and if you desaturate by 10%, it is **18.2946, 19.6475, 7.3571**.

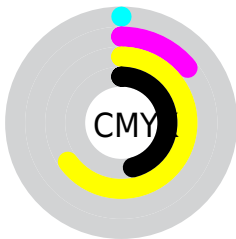
Distribution



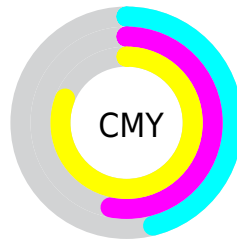
- Red (54%)
- Green (47%)
- Blue (19%)



- Red (28%)
- Yellow (54%)
- Blue (19%)



- Cyan (0%)
- Magenta (14%)
- Yellow (65%)
- Black (46%)



- Cyan (46%)
- Magenta (53%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6116, 18.8103, 5.4988 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 17.6116, 18.8103, 5.4988 by changing the saturation by 10% instead.

■ 17.6116, 18.8103,
5.4988

■ 17.6116, 18.8103,
5.4988

231.7608,
245.3995, 163.6584

■ 10.7695, 11.5333,
2.4790

■ 38.9097, 41.4133,
17.3407

■ 5.9782, 6.4267,
0.8290

■ 54.0964, 57.5081,
26.9999

■ 2.8724, 3.1063,
0.0000

■ 72.7953, 77.3109,
39.7093

■ 1.0866, 1.1875,
0.0000

■ 95.3718, 101.2062,
55.8875

■ 0.0139, 0.0514,
0.0000

■ 122.1912,
129.5783, 75.9529

■ 0.0000, 0.0000,
0.0000

■ 153.6190,

162.8116, 100.3242

190.0204,
201.2905, 129.4199

■ 17.6116, 18.8103,
5.4988

■ 17.6116, 18.8103,
5.4988

■ 17.0288, 18.0316,
4.1116

■ 18.2946, 19.6475,
7.3571

■ 16.5361, 17.3052,
3.1494

■ 19.0840, 20.5436,
9.7246

■ 16.1220, 16.6269,
2.5492

■ 19.9869, 21.5025,
12.6369

■ 15.9362, 16.3132,
2.3088

■ 21.0096, 22.5267,
16.1259

■ 22.1577, 23.6187,
20.2212

■ 23.4366, 24.7807,
24.9503

■ 24.8512, 26.0148,
30.3390

■ 26.4061, 27.3231,
36.4116

■ 28.1060, 28.7075,
43.1913

Harmonies

Analogous

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



21.6966, 18.8103, 6.6237



17.6116, 18.8103, 5.4988



14.1359, 18.8103, 6.9924

Triad

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



17.6116, 18.8103, 5.4988



12.1658, 18.8103, 34.3643



25.4858, 18.8103, 32.5186

Complementary

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



17.6116, 18.8103, 5.4988



7.8135, 6.4775, 24.8833

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.



22.2298, 18.8103, 45.1100



17.6116, 18.8103, 5.4988



14.5371, 18.8103, 46.4236

Square

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



17.6116, 18.8103, 5.4988



11.2945, 18.8103, 21.2595



18.1483, 18.8103, 50.9404



26.6244, 18.8103, 19.7222

Rectangle

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



17.6116, 18.8103, 5.4988



12.5208, 18.8103, 9.7743



18.1483, 18.8103, 50.9404



24.5811, 18.8103, 37.0568

Sweetspot

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



17.6120, 18.8112, 5.4992



37.9740, 40.6138, 31.7450



12.5665, 7.9286, 6.2575



8.4092, 9.0059, 6.7368



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.6120, 18.8112, 5.4992



29.6109, 31.2028, 6.4051



16.3680, 21.8681, 6.1548



5.3430, 5.6688, 5.3650



14.6219, 14.9782, 2.1204



0.1075, 0.1203, 0.0175

Inverse Universe

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



7.8135, 6.4775, 24.8833



11.0403, 7.8854, 43.3233



8.4303, 5.3852, 24.6399



4.8547, 5.0523, 6.3252



4.6210, 2.5124, 22.2871



0.0396, 0.0345, 0.1510

Previews

White Background



This preview shows how the XYZ color 17.6116, 18.8103, 5.4988 looks on a white 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

Black Background



This preview shows how the XYZ color 17.6116, 18.8103, 5.4988 looks on a black 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

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

XYZ 17.6116, 18.8103, 5.4988

Background



This preview shows how black text looks on a background with the XYZ color 17.6116, 18.8103, 5.4988.



This preview shows how white text looks on a background with the XYZ color 17.6116, 18.8103,

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

17.6116, 18.8103, 5.4988

Protanopia

17.0815, 18.7147, 5.5083

Deuteranopia

18.9661, 18.6459, 5.5051



Tritanopia

20.6859, 18.8737, 20.3220

Trichromacy



Original Color

17.6116, 18.8103, 5.4988

Protanomaly

17.2416, 18.7972, 5.5158

Deuteranomaly

18.4768, 18.7323, 5.5476

Tritanomaly

19.3064, 18.8204, 13.2048

Monochromacy



Original Color

17.6116, 18.8103, 5.4988

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8676, 18.0895, 12.7278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6116, 18.8103, 5.4988 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(138, 119, 48)` looks like.

```
.text, #text, p{  
    color:rgb(138, 119, 48)  
}
```

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(138, 119, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 119, 48) }
```

Border

The CSS property to change the border of an element to XYZ 17.6116, 18.8103, 5.4988 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(138, 119, 48) }
```


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

```
.border{ border-color:rgb(138, 119, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 119, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 119, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 119, 48);  
box-shadow:4px 4px 4px 4px rgb(138, 119,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6116, 18.8103, 5.4988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 119, 48) }
```

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

```
.background{ background-color: rgb(138,  
119, 48) }
```

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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