

Converting Colors

XYZ(17.7022, 20.5574, 5.8145)

Have a look what the booklet for
XYZ(17.7022, 20.5574, 5.8145)
contains.

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Color

**XYZ(17.6127, 20.4770,
5.8205)**

Conversions

Conversions Part 1

Format	Color
Hex	838030
RGB	131, 128, 48
RGB Percent	51%, 50%, 19%
CMY	0.4863, 0.4980, 0.8118
CMYK	0.00, 0.02, 0.63, 0.49
HSL	58°, 46%, 35%
HSV	58°, 63%, 51%
XYZ	17.6127, 20.4770, 5.8205
YIQ	119.7770, 27.4680, -24.2440

Conversions

Conversions Part 2

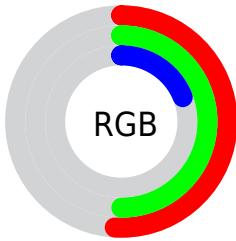
Format	Color
RYB	51, 131, 48
Decimal	8618032
CIELab	52.37, -9.65, 42.54
CIELCh	52, 43.623, 102.781
Yxy	20.4770, 0.4011, 0.4663
Android (android.graphics.Color)	4286808112 (0xFF838030)
YUV	119.7770, -35.3861, 9.8426
Hunter-Lab	45.2515, -9.7148, 24.0499

Details

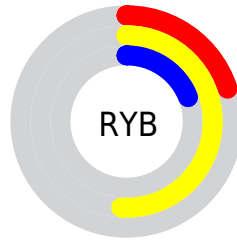
The XYZ color **17.6127, 20.4770, 5.8205** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6.4995, 4.6346, 22.0245**, and the grayscale version is **17.8851, 18.8165, 20.4911**.

A 20% lighter version of the original color is **38.9782, 44.3687, 18.0649**, and **6.0204, 7.2542, 1.0829** is the 20% darker color. If you saturate the color by 10%, you get **17.3200, 20.2622, 4.5807**, and if you desaturate by 10%, it is **17.9865, 20.7262, 7.4820**.

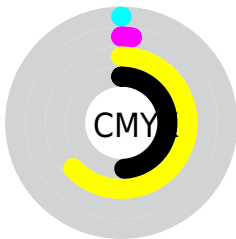
Distribution



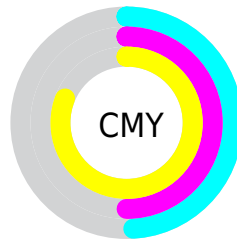
- Red (51%)
- Green (50%)
- Blue (19%)



- Red (20%)
- Yellow (51%)
- Blue (19%)



- Cyan (0%)
- Magenta (2%)
- Yellow (63%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6127, 20.4770, 5.8205 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 17.6127, 20.4770, 5.8205 by changing the saturation by 10% instead.

■ 17.6127, 20.4770,
5.8205

■ 17.6127, 20.4770,
5.8205

■ 231.7669,
254.4858, 166.7084

■ 10.7703, 12.7423,
2.6692

■ 38.9115, 44.2155,
18.0284

■ 5.9787, 7.2513,
0.9279

■ 54.0987, 60.9880,
27.9220

■ 2.8727, 3.6198,
0.0000

■ 72.7981, 81.5419,
40.9002

■ 1.0868, 1.4632,
0.0000

■ 95.3752, 106.2615,
57.3815

■ 0.0140, 0.2626,
0.0000

■ 122.1952,
135.5314, 77.7845

■ 0.0000, 0.0000,
0.0000

■ 153.6236,

169.7358, 102.5275

190.0257,
209.2591, 132.0293

■ 17.6127, 20.4770,
5.8205

■ 17.6127, 20.4770,
5.8205

■ 17.3200, 20.2622,
4.5807

■ 17.9865, 20.7262,
7.4820

■ 17.0998, 20.0761,
3.7229

■ 18.4464, 21.0096,
9.5974

■ 16.9436, 19.9161,
3.2011

■ 18.9987, 21.3303,
12.1976

■ 16.8555, 19.8163,
2.9366

■ 19.6484, 21.6905,
15.3101

■ 20.4006, 22.0922,
18.9605

■ 21.2598, 22.5370,
23.1726

■ 22.2302, 23.0269,
27.9690

■ 23.3158, 23.5633,
33.3707

■ 24.5204, 24.1478,
39.3980

Harmonies

Analogous

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



22.1350, 20.4770, 6.0255



17.6127, 20.4770, 5.8205



14.1630, 20.4770, 8.6165

Triad

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



17.6127, 20.4770, 5.8205



13.7836, 20.4770, 43.6871



28.9404, 20.4770, 30.4552

Complementary

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



17.6127, 20.4770, 5.8205



6.4995, 4.6346, 22.0245

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.



25.9429, 20.4770, 45.8440



17.6127, 20.4770, 5.8205



17.0148, 20.4770, 55.2805

Square

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



17.6127, 20.4770, 5.8205



12.1923, 20.4770, 28.2323



21.4381, 20.4770, 56.1943



29.1667, 20.4770, 17.2562

Rectangle

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



17.6127, 20.4770, 5.8205



12.7444, 20.4770, 12.7826



21.4381, 20.4770, 56.1943



28.2046, 20.4770, 35.6419

Sweetspot

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



17.6132, 20.4780, 5.8209



35.6920, 39.1163, 29.8615



11.0403, 7.1887, 4.0725



8.2346, 9.0666, 6.5884



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.6132, 20.4780, 5.8209



30.8281, 36.1330, 7.4477



13.2301, 18.8071, 5.7294



5.0257, 5.3950, 5.0058



16.5923, 19.5073, 2.8908



0.0586, 0.0698, 0.0104

Inverse Universe

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



6.4995, 4.6346, 22.0245



9.2160, 5.3360, 38.9974



8.9320, 5.7006, 22.1021



4.4470, 4.5695, 5.8484



4.0836, 1.7150, 21.2525



0.0150, 0.0076, 0.0739

Previews

White Background



This preview shows how the XYZ color 17.6127, 20.4770, 5.8205 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 17.6127, 20.4770, 5.8205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

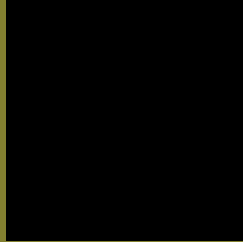
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.6127, 20.4770, 5.8205

Background



This preview shows how black text looks on a background with the XYZ color 17.6127, 20.4770, 5.8205.



This preview shows how white text looks on a background with the XYZ color 17.6127, 20.4770,

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

17.6127, 20.4770, 5.8205

Protanopia

18.4942, 20.3614, 5.6447

Deuteranopia

20.7119, 20.4012, 5.9782



Tritanopia

21.1602, 20.4212, 23.5953

Trichromacy



Original Color

17.6127, 20.4770, 5.8205

Protanomaly

18.1273, 20.3612, 5.6640

Deuteranomaly

19.3893, 20.2603, 5.9063

Tritanomaly

19.3749, 20.2369, 14.9415

Monochromacy



Original Color

17.6127, 20.4770, 5.8205

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.4155, 19.2592, 13.3892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6127, 20.4770, 5.8205 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(131, 128, 48)` looks like.

```
.text, #text, p{  
    color:rgb(131, 128, 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(131, 128, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 128, 48) }
```

Border

The CSS property to change the border of an element to XYZ 17.6127, 20.4770, 5.8205 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(131, 128, 48) }
```


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

```
.border{ border-color:rgb(131, 128, 48) }
```

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

Here you see how a box with a 4 pixel rgb(131, 128, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 128, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 128, 48);  
box-shadow:4px 4px 4px 4px rgb(131, 128,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6127, 20.4770, 5.8205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 128, 48) }
```

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

```
.background{ background-color: rgb(131,  
128, 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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