

Converting Colors

XYZ(17.8134, 18.2248, 6.0984)

Have a look what the booklet for
XYZ(17.8134, 18.2248, 6.0984)
contains.

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Color

**XYZ(17.7811, 18.1905,
6.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7336
RGB	141, 115, 54
RGB Percent	55%, 45%, 21%
CMY	0.4471, 0.5490, 0.7882
CMYK	0.00, 0.18, 0.62, 0.45
HSL	42°, 45%, 38%
HSV	42°, 62%, 55%
XYZ	17.7811, 18.1905, 6.0640
YIQ	115.8200, 35.0770, -13.4590

Conversions

Conversions Part 2

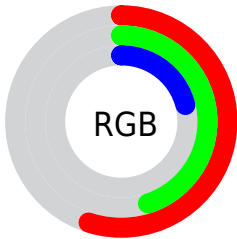
Format	Color
RYB	91, 141, 54
Decimal	9270070
CIELab	49.73, 2.66, 36.94
CIELCh	50, 37.040, 85.882
Yxy	18.1905, 0.4230, 0.4327
Android (android.graphics.Color)	4287460150 (0xFF8D7336)
YUV	115.8200, -30.4773, 22.0829
Hunter-Lab	42.6503, -0.2207, 21.4254

Details

The XYZ color **17.7811, 18.1905, 6.0640** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.1976, 8.4444, 26.3444**, and the grayscale version is **16.6285, 17.4945, 19.0515**.

A 20% lighter version of the original color is **39.2929, 40.4870, 18.5758**, and **6.0591, 6.1000, 1.0016** is the 20% darker color. If you saturate the color by 10%, you get **17.0274, 17.1384, 4.4094**, and if you desaturate by 10%, it is **18.6537, 19.3267, 8.2324**.

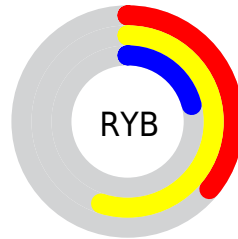
Distribution



Red (55%)

Green (45%)

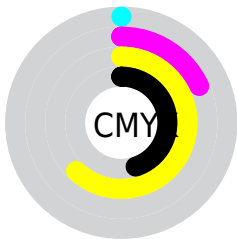
Blue (21%)



Red (36%)

Yellow (55%)

Blue (21%)

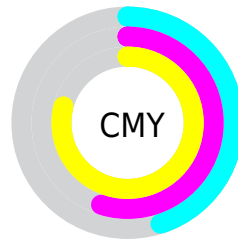


Cyan (0%)

Magenta (18%)

Yellow (62%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7811, 18.1905, 6.0640 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 17.7811, 18.1905, 6.0640 by changing the saturation by 10% instead.

■ 17.7811, 18.1905,
6.0640

■ 17.7811, 18.1905,
6.0640

232.7038,
241.9426, 168.9669

■ 10.8917, 11.0868,
2.8146

■ 39.1970, 40.3617,
18.5435

■ 6.0608, 6.1253,
1.0008

■ 54.4542, 56.1980,
28.6108

■ 2.9231, 2.9214,
0.0000

■ 73.2313, 75.7139,
41.7877

■ 1.1132, 1.0908,
0.0000

■ 95.8937, 99.2940,
58.4929

■ 0.0361, 0.0000,
0.0000

■ 122.8069,
127.3224, 79.1449

■ 0.0000, 0.0000,
0.0000

■ 154.3360,

160.1838, 104.1622

190.8466,
198.2624, 133.9633

■ 17.7811, 18.1905,
6.0640

■ 17.7811, 18.1905,
6.0640

■ 17.0274, 17.1384,
4.4094

■ 18.6537, 19.3267,
8.2324

■ 16.3824, 16.1638,
3.2222

■ 19.6516, 20.5479,
10.9534

■ 15.8362, 15.2630,
2.4497

■ 20.7825, 21.8583,
14.2631

■ 15.4337, 14.5612,
1.9972

■ 22.0527, 23.2610,
18.1943

■ 23.4684, 24.7587,
22.7776

■ 25.0352, 26.3542,
28.0412

■ 26.7583, 28.0500,
34.0119

■ 28.6428, 29.8486,
40.7149

■ 30.6935, 31.7521,
48.1743

Harmonies

Analogous

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



21.3790, 18.1905, 7.6860



17.7811, 18.1905, 6.0640



14.4950, 18.1905, 6.9677

Triad

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



17.7811, 18.1905, 6.0640



11.8778, 18.1905, 29.5514



23.5334, 18.1905, 32.8191

Complementary

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



17.7811, 18.1905, 6.0640



9.1976, 8.4444, 26.3444

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.



20.4219, 18.1905, 42.9220



17.7811, 18.1905, 6.0640



13.7579, 18.1905, 40.6285

Square

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



17.7811, 18.1905, 6.0640



11.3693, 18.1905, 18.4441



16.8071, 18.1905, 46.1794



24.9739, 18.1905, 21.2341

Rectangle

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



17.7811, 18.1905, 6.0640



12.8637, 18.1905, 9.1293



16.8071, 18.1905, 46.1794



22.6292, 18.1905, 36.6361

Sweetspot

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



17.7815, 18.1914, 6.0644



40.0510, 42.2566, 34.3605



13.7554, 8.8819, 8.5984



8.8082, 9.2905, 7.2375



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.7815, 18.1914, 6.0644



30.0223, 29.9978, 6.9756



18.4453, 23.5714, 7.0678



5.7054, 6.0170, 5.7501



14.0869, 13.3056, 1.8258



0.1540, 0.1658, 0.0239

Inverse Universe

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



9.1976, 8.4444, 26.3444



13.3336, 11.1003, 46.5677



8.7550, 5.9164, 25.8798



5.2528, 5.5014, 6.8138



5.1556, 3.2971, 23.3418



0.0667, 0.0664, 0.2290

Previews

White Background



This preview shows how the XYZ color 17.7811, 18.1905, 6.0640 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 17.7811, 18.1905, 6.0640 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 17.7811, 18.1905, 6.0640

Background



This preview shows how black text looks on a background with the XYZ color 17.7811, 18.1905, 6.0640.



This preview shows how white text looks on a background with the XYZ color 17.7811, 18.1905,

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

17.7811, 18.1905, 6.0640

Protanopia

16.6465, 18.2948, 6.2683

Deuteranopia

18.4488, 18.1971, 6.1545



Tritanopia

20.4275, 18.1205, 19.2506

Trichromacy



Original Color

17.7811, 18.1905, 6.0640

Protanomaly

17.1597, 18.3836, 6.2584

Deuteranomaly

18.2085, 18.2398, 6.1754

Tritanomaly

19.2064, 18.1063, 13.0723

Monochromacy



Original Color

17.7811, 18.1905, 6.0640

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6786, 17.6411, 12.8819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7811, 18.1905, 6.0640 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(141, 115, 54)` looks like.

```
.text, #text, p{  
    color:rgb(141, 115, 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(141, 115, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 115, 54) }
```

Border

The CSS property to change the border of an element to XYZ 17.7811, 18.1905, 6.0640 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(141, 115, 54) }
```


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

```
.border{ border-color:rgb(141, 115, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 115, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 115, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 115, 54);  
box-shadow:4px 4px 4px 4px rgb(141, 115,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7811, 18.1905, 6.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 115, 54) }
```

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

```
.background{ background-color: rgb(141,  
115, 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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