

Converting Colors

XYZ(17.9198, 19.3845, 11.1846)

Have a look what the booklet for
XYZ(17.9198, 19.3845, 11.1846)
contains.

XYZ(17.9198, 19.3845, 11.1846)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.9198, 19.3845,
11.1846)**

Conversions

Conversions Part 1

Format	Color
Hex	837A54
RGB	131, 122, 84
RGB Percent	51%, 48%, 33%
CMY	0.4863, 0.5216, 0.6706
CMYK	0.00, 0.07, 0.36, 0.49
HSL	49°, 22%, 42%
HSV	49°, 36%, 51%
XYZ	17.9198, 19.3845, 11.1846
YIQ	120.3590, 17.5620, -9.9100

Conversions

Conversions Part 2

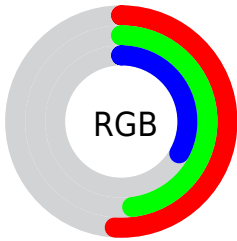
Format	Color
RYB	95, 131, 84
Decimal	8616532
CIELab	51.13, -2.67, 22.08
CIELCh	51, 22.242, 96.884
Yxy	19.3845, 0.3696, 0.3998
Android (android.graphics.Color)	4286806612 (0xFF837A54)
YUV	120.3590, -17.9250, 9.3322
Hunter-Lab	44.0278, -4.3973, 15.7578

Details

The XYZ color **17.9198, 19.3845, 11.1846** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.6670, 11.3517, 23.0487**, and the grayscale version is **18.0198, 18.9582, 20.6455**.

A 20% lighter version of the original color is **39.4467, 42.3076, 28.6414**, and **6.1920, 6.7868, 2.8174** is the 20% darker color. If you saturate the color by 10%, you get **17.1502, 18.5911, 8.6292**, and if you desaturate by 10%, it is **18.7943, 20.2340, 14.2490**.

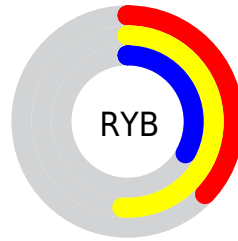
Distribution



Red (51%)

Green (48%)

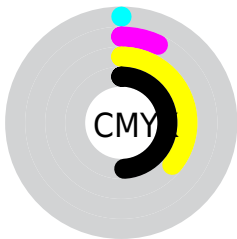
Blue (33%)



Red (37%)

Yellow (51%)

Blue (33%)

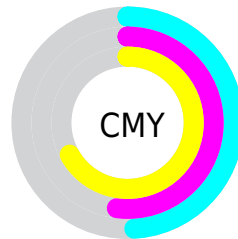


Cyan (0%)

Magenta (7%)

Yellow (36%)

Black (49%)



Cyan (49%)

Magenta (52%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9198, 19.3845, 11.1846 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 17.9198, 19.3845, 11.1846 by changing the saturation by 10% instead.

■ 17.9198, 19.3845,
11.1846

■ 17.9198, 19.3845,
11.1846

233.4729,
248.5633, 209.7124

■ 10.9918, 11.9484,
6.0754

■ 39.4318, 42.3828,
28.6429

■ 6.1285, 6.7086,
2.8215

■ 54.7464, 58.7138,
41.8290

■ 2.9648, 3.2805,
1.0042

■ 73.5873, 78.7787,
58.5446

■ 1.1352, 1.2799,
0.0000

■ 96.3198, 102.9617,
79.2081

■ 0.0542, 0.1255,
0.0000

■ 123.3093,
131.6472, 104.2381

■ 0.0000, 0.0000,
0.0000

154.9210,

165.2197, 134.0531

191.5205,
204.0636, 169.0717

■ 17.9198, 19.3845,
11.1846

■ 17.9198, 19.3845,
11.1846

■ 17.1502, 18.5911,
8.6292

■ 18.7943, 20.2340,
14.2490

■ 16.4787, 17.8488,
6.5532

■ 19.7772, 21.1390,
17.8472

■ 15.8997, 17.1560,
4.9260

■ 20.8738, 22.1023,
22.0039

■ 15.4067, 16.5101,
3.7130

■ 22.0883, 23.1258,
26.7418

■ 14.9919, 15.9078,
2.8744

■ 23.4249, 24.2113,
32.0825

■ 14.6431, 15.3441,
2.3450

■ 24.8877, 25.3603,
38.0465

■ 14.5064, 15.1180,
2.1535

■ 26.4802, 26.5745,
44.6530

■ 28.2061, 27.8555,
51.9209

■ 30.0688, 29.2045,
59.8678

Harmonies

Analogous

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



20.1432, 19.3845, 11.7770



17.9198, 19.3845, 11.1846



15.9902, 19.3845, 12.7934

Triad

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



17.9198, 19.3845, 11.1846



15.2308, 19.3845, 29.2841



22.6146, 19.3845, 26.2527

Complementary

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



17.9198, 19.3845, 11.1846



11.6670, 11.3517, 23.0487

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.



21.0938, 19.3845, 32.4111



17.9198, 19.3845, 11.1846



16.8063, 19.3845, 34.3914

Square

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



17.9198, 19.3845, 11.1846



14.5201, 19.3845, 22.5988



18.9384, 19.3845, 35.6373



22.9724, 19.3845, 19.6813

Rectangle

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



17.9198, 19.3845, 11.1846



15.0901, 19.3845, 15.1324



18.9384, 19.3845, 35.6373



22.2169, 19.3845, 28.4762

Sweetspot

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



17.9203, 19.3854, 11.1850



36.2991, 38.6401, 35.2751



14.5240, 11.9635, 11.9930



8.3999, 8.9509, 8.0188



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.



17.9203, 19.3854, 11.1850



30.9588, 33.5538, 16.2483



17.0392, 20.6476, 11.4751



4.9660, 5.2756, 4.9859



14.2813, 14.8851, 2.1204



0.0543, 0.0612, 0.0090

Inverse Universe

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



11.6670, 11.3517, 23.0487



18.0405, 16.9636, 40.7766



12.3150, 10.5818, 22.8660



4.5013, 4.6783, 5.8665



4.3779, 2.3037, 21.3506



0.0193, 0.0162, 0.0753

Previews

White Background



This preview shows how the XYZ color 17.9198, 19.3845, 11.1846 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 17.9198, 19.3845, 11.1846 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 17.9198, 19.3845, 11.1846

Background



This preview shows how black text looks on a background with the XYZ color 17.9198, 19.3845, 11.1846.



This preview shows how white text looks on a background with the XYZ color 17.9198, 19.3845,

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

17.9198, 19.3845, 11.1846

Protanopia

18.0755, 19.4647, 11.1919

Deuteranopia

19.6780, 19.3982, 11.3014



Tritanopia

20.2805, 19.4632, 22.4265

Trichromacy



Original Color

17.9198, 19.3845, 11.1846

Protanomaly

18.0755, 19.4647, 11.1919

Deuteranomaly

19.0517, 19.4250, 11.3396

Tritanomaly

19.2976, 19.4097, 17.7683

Monochromacy



Original Color

17.9198, 19.3845, 11.1846

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8034, 19.0214, 16.6431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9198, 19.3845, 11.1846 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, 122, 84)` looks like.

```
.text, #text, p{  
    color:rgb(131, 122, 84)  
}
```

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, 122, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 122, 84) }
```

Border

The CSS property to change the border of an element to XYZ 17.9198, 19.3845, 11.1846 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, 122, 84) }
```


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

```
.border{ border-color:rgb(131, 122, 84) }
```

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

Here you see how a box with a 4 pixel rgb(131, 122, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 122, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 122, 84);  
box-shadow:4px 4px 4px 4px rgb(131, 122,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9198, 19.3845, 11.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 122, 84) }
```

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

```
.background{ background-color: rgb(131,  
122, 84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor