

Converting Colors

XYZ(16.9979, 19.0178, 11.3411)

Have a look what the booklet for
XYZ(16.9979, 19.0178, 11.3411)
contains.

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Color

**XYZ(17.0348, 19.1069,
11.3845)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7B55
RGB	124, 123, 85
RGB Percent	49%, 48%, 33%
CMY	0.5137, 0.5176, 0.6667
CMYK	0.00, 0.01, 0.31, 0.51
HSL	58°, 19%, 41%
HSV	58°, 31%, 49%
XYZ	17.0348, 19.1069, 11.3845
YIQ	118.9670, 12.7940, -11.6060

Conversions

Conversions Part 2

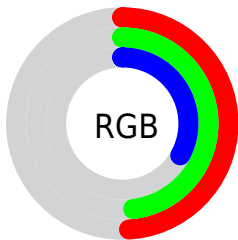
Format	Color
R_{YB}	86, 124, 85
Decimal	8158037
CIE Lab	50.81, -6.08, 20.97
CIE LCh	51, 21.835, 106.162
Yxy	19.1069, 0.3584, 0.4020
Android (android.graphics.Color)	4286348117 (0xFF7C7B55)
YUV	118.9670, -16.7457, 4.4139
Hunter-Lab	43.7114, -6.9317, 15.1561

Details

The XYZ color **17.0348, 19.1069, 11.3845** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.7121, 10.0418, 20.4424**, and the grayscale version is **17.5730, 18.4882, 20.1336**.

A 20% lighter version of the original color is **37.8346, 41.7563, 28.9873**, and **5.6390, 6.4999, 2.8769** is the 20% darker color. If you saturate the color by 10%, you get **16.5457, 18.8492, 9.0004**, and if you desaturate by 10%, it is **17.6113, 19.4012, 14.2242**.

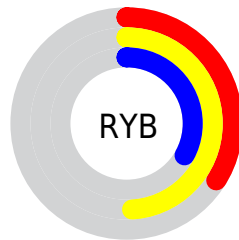
Distribution



Red (49%)

Green (48%)

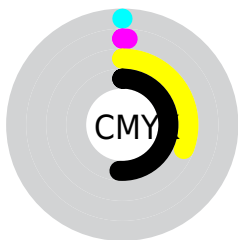
Blue (33%)



Red (34%)

Yellow (49%)

Blue (33%)

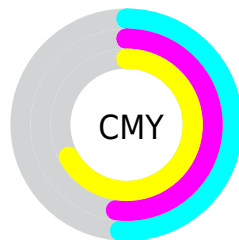


Cyan (0%)

Magenta (1%)

Yellow (31%)

Black (51%)



Cyan (51%)

Magenta (52%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0348, 19.1069, 11.3845 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 17.0348, 19.1069, 11.3845 by changing the saturation by 10% instead.

■ 17.0348, 19.1069,
11.3845

■ 17.0348, 19.1069,
11.3845

228.5252,
247.0383, 211.1180

■ 10.3548, 11.7475,
6.2087

■ 37.9287, 41.9147,
29.0165

■ 5.6989, 6.5720,
2.9015

■ 52.8733, 58.1319,
42.3097

■ 2.7018, 3.1959,
1.0446

■ 71.3035, 78.0704,
59.1457

■ 0.9981, 1.2349,
0.0000

■ 93.5846, 102.1148,
79.9432

■ 0.0000, 0.0899,
0.0000

■ 120.0819,
130.6494, 105.1206

■ 0.0000, 0.0000,
0.0000

151.1609,

164.0586, 135.0966

187.1869,
202.7267, 170.2895

■ 17.0348, 19.1069,
11.3845

■ 17.0348, 19.1069,
11.3845

■ 16.5457, 18.8492,
9.0004

■ 17.6113, 19.4012,
14.2242

■ 16.1381, 18.6236,
7.0471

■ 18.2780, 19.7310,
17.5403

■ 15.8076, 18.4290,
5.4989

■ 19.0393, 20.0989,
21.3538

■ 15.5487, 18.2633,
4.3272

■ 19.8989, 20.5063,
25.6840

■ 15.3553, 18.1239,
3.4996

■ 20.8602, 20.9546,
30.5494

■ 15.2202, 18.0081,
2.9784

■ 21.9265, 21.4452,
35.9674

■ 15.1291, 17.9191,
2.6613

■ 23.1010, 21.9792,
41.9545

■ 24.3868, 22.5579,
48.5268

■ 25.7868, 23.1825,
55.6995

Harmonies

Analogous

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



19.1666, 19.1069, 11.3016



17.0348, 19.1069, 11.3845



15.3409, 19.1069, 13.6389

Triad

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



17.0348, 19.1069, 11.3845



15.4470, 19.1069, 30.5573



22.4740, 19.1069, 23.7640

Complementary

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



17.0348, 19.1069, 11.3845



10.7121, 10.0418, 20.4424

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.



21.3060, 19.1069, 30.1210



17.0348, 19.1069, 11.3845



17.1903, 19.1069, 34.5351

Square

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



17.0348, 19.1069, 11.3845



14.4749, 19.1069, 24.2740



19.3348, 19.1069, 34.3613



22.4241, 19.1069, 17.6818

Rectangle

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



17.0348, 19.1069, 11.3845



14.6381, 19.1069, 16.3798



19.3348, 19.1069, 34.3613



22.2071, 19.1069, 25.9611

Sweetspot

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



17.0353, 19.1078, 11.3849



32.4502, 34.8611, 32.2908



13.2526, 11.4590, 10.3812



7.6052, 8.1921, 7.4186



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.0353, 19.1078, 11.3849



29.3223, 33.2806, 16.8344



14.7675, 18.1231, 11.3144



4.2994, 4.6172, 4.2891



15.3800, 18.2160, 2.7054



73.2642, 86.6919, 12.8718

Inverse Universe

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



10.7121, 10.0418, 20.4424



16.2834, 14.5865, 35.5139



12.5032, 10.8479, 20.5036



3.8051, 3.9085, 4.9970



3.7331, 1.5487, 19.4875



17.7121, 7.1968, 92.9254

Previews

White Background



This preview shows how the XYZ color 17.0348, 19.1069, 11.3845 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 17.0348, 19.1069, 11.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

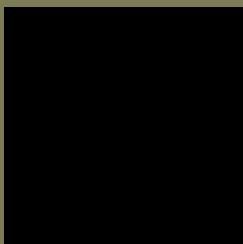
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

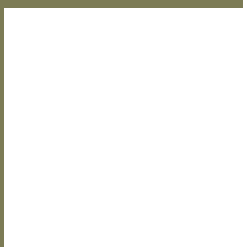
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0348, 19.1069, 11.3845

Background



This preview shows how black text looks on a background with the XYZ color 17.0348, 19.1069, 11.3845.



This preview shows how white text looks on a background with the XYZ color 17.0348, 19.1069,

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

17.0348, 19.1069, 11.3845

Protanopia

17.7977, 19.1401, 11.1439

Deuteranopia

19.4673, 19.1082, 11.6790



Tritanopia

19.3625, 19.1563, 22.7557

Trichromacy



Original Color

17.0348, 19.1069, 11.3845

Protanomaly

17.4619, 19.1484, 11.1632

Deuteranomaly

18.5931, 19.1839, 11.5270

Tritanomaly

18.3935, 19.1148, 18.0493

Monochromacy



Original Color

17.0348, 19.1069, 11.3845

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.2555, 18.5594, 16.5828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0348, 19.1069, 11.3845 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(124, 123, 85)` looks like.

```
.text, #text, p{  
    color:rgb(124, 123, 85)  
}
```

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(124, 123, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 123, 85) }
```

Border

The CSS property to change the border of an element to XYZ 17.0348, 19.1069, 11.3845 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(124, 123, 85) }
```


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

```
.border{ border-color:rgb(124, 123, 85) }
```

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

Here you see how a box with a 4 pixel rgb(124, 123, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 123, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 123, 85);  
box-shadow:4px 4px 4px 4px rgb(124, 123,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0348, 19.1069, 11.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 123, 85) }
```

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

```
.background{ background-color: rgb(124,  
123, 85) }
```

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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