

Converting Colors

XYZ(17.1384, 18.3566, 11.8670)

Have a look what the booklet for
XYZ(17.1384, 18.3566, 11.8670)
contains.

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Color

**XYZ(17.1107, 18.4103,
11.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7758
RGB	127, 119, 88
RGB Percent	50%, 47%, 35%
CMY	0.5020, 0.5333, 0.6549
CMYK	0.00, 0.06, 0.31, 0.50
HSL	48°, 18%, 42%
HSV	48°, 31%, 50%
XYZ	17.1107, 18.4103, 11.8842
YIQ	117.8580, 14.7190, -7.9450

Conversions

Conversions Part 2

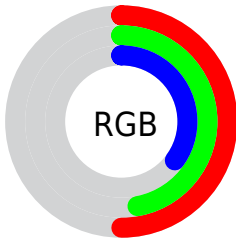
Format	Color
RYB	98, 127, 88
Decimal	8353624
CIELab	49.99, -2.12, 18.20
CIELCh	50, 18.319, 96.635
Yxy	18.4103, 0.3609, 0.3884
Android (android.graphics.Color)	4286543704 (0xFF7F7758)
YUV	117.8580, -14.7200, 8.0175
Hunter-Lab	42.9072, -3.9048, 13.6132

Details

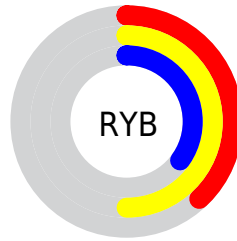
The XYZ color **17.1107, 18.4103, 11.8842** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.0380, 11.9724, 21.7552**, and the grayscale version is **17.2172, 18.1139, 19.7260**.

A 20% lighter version of the original color is **37.9727, 40.6641, 29.8923**, and **5.7317, 6.2514, 3.0950** is the 20% darker color. If you saturate the color by 10%, you get **16.3243, 17.6072, 9.2489**, and if you desaturate by 10%, it is **17.9982, 19.2687, 15.0059**.

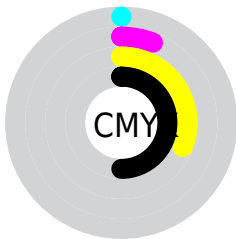
Distribution



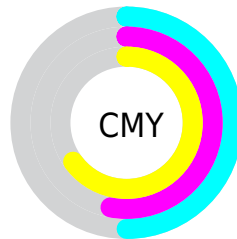
- Red (50%)
- Green (47%)
- Blue (35%)



- Red (38%)
- Yellow (50%)
- Blue (35%)



- Cyan (0%)
- Magenta (6%)
- Yellow (31%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1107, 18.4103, 11.8842 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 17.1107, 18.4103, 11.8842 by changing the saturation by 10% instead.

■ 17.1107, 18.4103,
11.8842

■ 17.1107, 18.4103,
11.8842

228.9533,
243.1736, 214.5878

■ 10.4092, 11.2450,
6.5433

■ 38.0581, 40.7352,
29.9453

■ 5.7355, 6.2318,
3.1041

■ 53.0347, 56.6636,
43.5025

■ 2.7240, 2.9866,
1.1480

■ 71.5005, 76.2818,
60.6356

■ 1.0096, 1.1247,
0.0000

■ 93.8207, 99.9742,
81.7631

■ 0.0000, 0.0000,
0.0000

■ 120.3608,
128.1252, 107.3035

151.4860,

161.1192, 137.6754

187.5617,
199.3405, 173.2973

■ 17.1107, 18.4103,
11.8842

■ 17.1107, 18.4103,
11.8842

■ 16.3243, 17.6072,
9.2489

■ 17.9982, 19.2687,
15.0059

■ 15.6328, 16.8550,
7.0738

■ 18.9899, 20.1818,
18.6360

■ 15.0313, 16.1521,
5.3319

■ 20.0905, 21.1522,
22.7968

■ 14.5142, 15.4963,
3.9929

■ 21.3038, 22.1817,
27.5086

■ 14.0748, 14.8847,
3.0229

■ 22.6337, 23.2718,
32.7910

■ 13.7056, 14.3141,
2.3820

■ 24.0836, 24.4240,
38.6622

■ 13.4021, 13.8115,
1.9595

■ 25.6571, 25.6399,
45.1401

■ 27.3573, 26.9207,
52.2413

■ 29.1875, 28.2679,
59.9822

Harmonies

Analogous

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



18.8738, 18.4103, 12.4062



17.1107, 18.4103, 11.8842



15.5576, 18.4103, 13.2366

Triad

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



17.1107, 18.4103, 11.8842



14.9233, 18.4103, 26.3962



20.7891, 18.4103, 24.1360

Complementary

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



17.1107, 18.4103, 11.8842



12.0380, 11.9724, 21.7552

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.



19.5944, 18.4103, 28.8625



17.1107, 18.4103, 11.8842



16.1916, 18.4103, 30.3126

Square

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



17.1107, 18.4103, 11.8842



14.3505, 18.4103, 21.1854



17.8920, 18.4103, 31.2834



21.0760, 18.4103, 18.9476

Rectangle

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



17.1107, 18.4103, 11.8842



14.8240, 18.4103, 15.1782



17.8920, 18.4103, 31.2834



20.4767, 18.4103, 25.8562

Sweetspot

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



17.1112, 18.4111, 11.8846



34.2883, 36.3938, 34.4244



14.3744, 12.3445, 12.8006



7.9723, 8.4710, 7.8524



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.1112, 18.4111, 11.8846



29.6136, 31.9279, 17.8114



16.5468, 19.5930, 12.1425



4.5928, 4.8744, 4.6189



13.5154, 13.9272, 1.9759



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.0380, 11.9724, 21.7552



18.9791, 18.4344, 38.5142



12.4717, 11.1674, 21.5770



4.1748, 4.3436, 5.4316



4.2360, 2.2905, 20.4688



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1107, 18.4103, 11.8842 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 17.1107, 18.4103, 11.8842 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

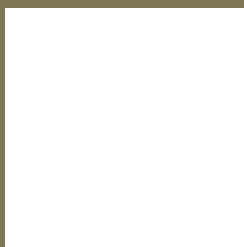
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1107, 18.4103, 11.8842

Background



This preview shows how black text looks on a background with the XYZ color 17.1107, 18.4103, 11.8842.



This preview shows how white text looks on a background with the XYZ color 17.1107, 18.4103,

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

17.1107, 18.4103, 11.8842

Protanopia

17.2604, 18.4874, 11.8912

Deuteranopia

18.6357, 18.3313, 12.0073



Tritanopia

18.9525, 18.2900, 21.2703

Trichromacy



Original Color

17.1107, 18.4103, 11.8842

Protanomaly

17.2604, 18.4874, 11.8912

Deuteranomaly

18.0402, 18.3629, 12.0448

Tritanomaly

18.2658, 18.3624, 17.3334

Monochromacy



Original Color

17.1107, 18.4103, 11.8842

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0174, 18.0834, 16.5034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1107, 18.4103, 11.8842 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(127, 119, 88)` looks like.

```
.text, #text, p{  
    color:rgb(127, 119, 88)  
}
```

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(127, 119, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 119, 88) }
```

Border

The CSS property to change the border of an element to XYZ 17.1107, 18.4103, 11.8842 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(127, 119, 88) }
```


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

```
.border{ border-color:rgb(127, 119, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 119, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 119, 88); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 119, 88); box-shadow:4px 4px 4px 4px rgb(127, 119, 88) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1107, 18.4103, 11.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 119, 88) }
```

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

```
.background{ background-color: rgb(127,  
119, 88) }
```

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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