

Converting Colors

XYZ(17.4900, 18.7882, 11.7215)

Have a look what the booklet for
XYZ(17.4900, 18.7882, 11.7215)
contains.

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Color

**XYZ(17.4900, 18.7882,
11.7215)**

Conversions

Conversions Part 1

Format	Color
Hex	817857
RGB	129, 120, 87
RGB Percent	51%, 47%, 34%
CMY	0.4941, 0.5294, 0.6588
CMYK	0.00, 0.07, 0.33, 0.49
HSL	47°, 19%, 42%
HSV	47°, 33%, 51%
XYZ	17.4900, 18.7882, 11.7215
YIQ	118.9290, 15.9570, -8.3550

Conversions

Conversions Part 2

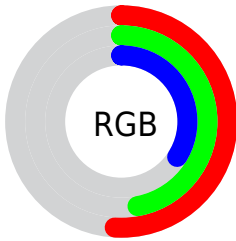
Format	Color
RYB	98, 129, 87
Decimal	8484951
CIELab	50.44, -1.98, 19.41
CIELCh	50, 19.508, 95.822
Yxy	18.7882, 0.3644, 0.3914
Android (android.graphics.Color)	4286675031 (0xFF817857)
YUV	118.9290, -15.7410, 8.8323
Hunter-Lab	43.3454, -3.8290, 14.3085

Details

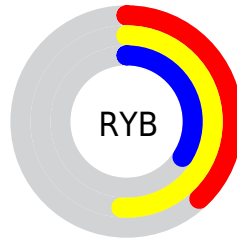
The XYZ color **17.4900, 18.7882, 11.7215** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.0757, 11.9765, 22.4440**, and the grayscale version is **17.5572, 18.4715, 20.1155**.

A 20% lighter version of the original color is **38.5593, 41.2563, 29.5979**, and **5.9421, 6.4571, 3.0310** is the 20% darker color. If you saturate the color by 10%, you get **16.6820, 17.9416, 9.0803**, and if you desaturate by 10%, it is **18.4028, 19.6934, 14.8628**.

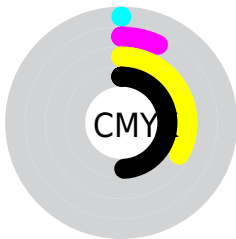
Distribution



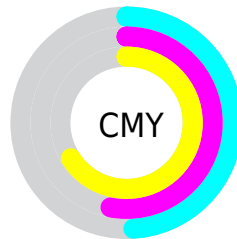
- Red (51%)
- Green (47%)
- Blue (34%)



- Red (38%)
- Yellow (51%)
- Blue (34%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4900, 18.7882, 11.7215 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 17.4900, 18.7882, 11.7215 by changing the saturation by 10% instead.

■ 17.4900, 18.7882,
11.7215

■ 17.4900, 18.7882,
11.7215

231.0821,
245.2770, 213.4648

■ 10.6819, 11.5173,
6.4341

■ 38.7033, 41.3759,
29.6436

■ 5.9191, 6.4159,
3.0378

■ 53.8392, 57.4615,
43.1154

■ 2.8361, 3.0996,
1.1140

■ 72.4818, 77.2542,
60.1525

■ 1.0677, 1.1840,
0.0000

■ 94.9964, 101.1383,
81.1732

■ 0.0000, 0.0485,
0.0000

■ 121.7484,
129.4982, 106.5963

■ 0.0000, 0.0000,
0.0000

153.1031,

162.7184, 136.8403

189.4259,
201.1832, 172.3236

■ 17.4900, 18.7882,
11.7215

■ 17.4900, 18.7882,
11.7215

■ 16.6820, 17.9416,
9.0803

■ 18.4028, 19.6934,
14.8628

■ 15.9722, 17.1488,
6.9116

■ 19.4236, 20.6567,
18.5276

■ 15.3556, 16.4083,
5.1868

■ 20.5573, 21.6807,
22.7390

■ 14.8260, 15.7176,
3.8739

■ 21.8082, 22.7673,
27.5187

■ 14.3763, 15.0738,
2.9365

■ 23.1801, 23.9182,
32.8869

■ 13.9984, 14.4733,
2.3315

■ 24.6768, 25.1349,
38.8631

■ 13.7427, 14.0460,
1.9868

■ 26.3019, 26.4191,
45.4656

■ 28.0587, 27.7721,
52.7122

■ 29.9507, 29.1955,
60.6198

Harmonies

Analogous

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



19.3944, 18.7882, 12.3270



17.4900, 18.7882, 11.7215



15.8058, 18.7882, 13.0989

Triad

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



17.4900, 18.7882, 11.7215



15.0589, 18.7882, 27.2041



21.3981, 18.7882, 25.0435

Complementary

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



17.4900, 18.7882, 11.7215



12.0757, 11.9765, 22.4440

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.



20.0798, 18.7882, 30.1560



17.4900, 18.7882, 11.7215



16.4042, 18.7882, 31.5501

Square

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



17.4900, 18.7882, 11.7215



14.4675, 18.7882, 21.5357



18.2304, 18.7882, 32.7161



21.7398, 18.7882, 19.4152

Rectangle

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



17.4900, 18.7882, 11.7215



15.0054, 18.7882, 15.1295



18.2304, 18.7882, 32.7161



21.0501, 18.7882, 26.9083

Sweetspot

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



17.4905, 18.7891, 11.7219



35.2367, 37.4078, 34.8419



14.5775, 12.3301, 12.7023



7.9237, 8.4195, 7.6953



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.



17.4905, 18.7891, 11.7219



30.2390, 32.5210, 17.4269



16.9202, 20.1774, 12.0199



4.5896, 4.8680, 4.6178



13.4024, 13.7012, 1.9382



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.0757, 11.9765, 22.4440



18.9798, 18.3600, 39.7360



12.5055, 11.0486, 22.2423



4.1778, 4.3496, 5.4326



4.2625, 2.3436, 20.4776



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4900, 18.7882, 11.7215 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 17.4900, 18.7882, 11.7215 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

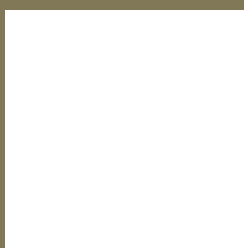
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4900, 18.7882, 11.7215

Background



This preview shows how black text looks on a background with the XYZ color 17.4900, 18.7882, 11.7215.



This preview shows how white text looks on a background with the XYZ color 17.4900, 18.7882,

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

17.4900, 18.7882, 11.7215

Protanopia

17.4900, 18.7882, 11.7215

Deuteranopia

19.0475, 18.7168, 11.8413



Tritanopia

19.4417, 18.7032, 21.6542

Trichromacy



Original Color

17.4900, 18.7882, 11.7215

Protanomaly

17.4900, 18.7882, 11.7215

Deuteranomaly

18.4393, 18.7455, 11.8789

Tritanomaly

18.7463, 18.7758, 17.6750

Monochromacy



Original Color

17.4900, 18.7882, 11.7215

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4190, 18.4661, 16.5562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4900, 18.7882, 11.7215 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(129, 120, 87)` looks like.

```
.text, #text, p{  
    color:rgb(129, 120, 87)  
}
```

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(129, 120, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 120, 87) }
```

Border

The CSS property to change the border of an element to XYZ 17.4900, 18.7882, 11.7215 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(129, 120, 87) }
```


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

```
.border{ border-color:rgb(129, 120, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 120, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 120, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 120, 87);  
box-shadow:4px 4px 4px 4px rgb(129, 120,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4900, 18.7882, 11.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 120, 87) }
```

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

```
.background{ background-color: rgb(129,  
120, 87) }
```

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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