

Converting Colors

XYZ(14.9326, 17.6802, 10.9963)

Have a look what the booklet for
XYZ(14.9326, 17.6802, 10.9963)
contains.

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Color

**XYZ(14.8680, 17.6298,
11.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7954
RGB	110, 121, 84
RGB Percent	43%, 47%, 33%
CMY	0.5686, 0.5255, 0.6706
CMYK	0.09, 0.00, 0.31, 0.53
HSL	78°, 18%, 40%
HSV	78°, 31%, 47%
XYZ	14.8680, 17.6298, 11.0068
YIQ	113.4930, 5.3210, -13.8390

Conversions

Conversions Part 2

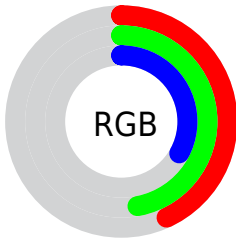
Format	Color
R_{YB}	84, 121, 95
Decimal	7240020
CIE _{Lab}	49.04, -10.96, 18.98
CIE _{LCh}	49, 21.913, 119.997
Yxy	17.6298, 0.3418, 0.4052
Android (android.graphics.Color)	4285430100 (0xFF6E7954)
YUV	113.4930, -14.5400, -3.0634
Hunter-Lab	41.9879, -10.2715, 13.8491

Details

The XYZ color **14.8680, 17.6298, 11.0068** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.3415, 10.1545, 19.4523**, and the grayscale version is **15.8839, 16.7111, 18.1984**.

A 20% lighter version of the original color is **34.1469, 39.2898, 28.3382**, and **4.6538, 5.7988, 2.7077** is the 20% darker color. If you saturate the color by 10%, you get **13.9960, 17.2309, 8.7022**, and if you desaturate by 10%, it is **15.8410, 18.0724, 13.7443**.

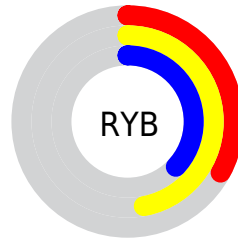
Distribution



Red (43%)

Green (47%)

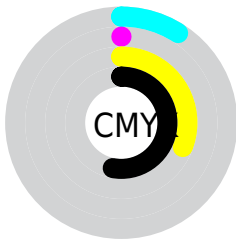
Blue (33%)



Red (33%)

Yellow (47%)

Blue (37%)

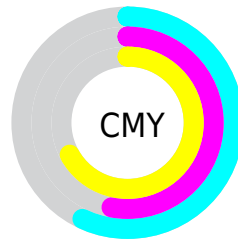


Cyan (9%)

Magenta (0%)

Yellow (31%)

Black (53%)



Cyan (57%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8680, 17.6298, 11.0068 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 14.8680, 17.6298, 11.0068 by changing the saturation by 10% instead.

■ 14.8680, 17.6298,
11.0068

■ 14.8680, 17.6298,
11.0068

215.9701,
238.7761, 208.4533

■ 8.8125, 10.6845,
5.9572

■ 34.1950, 39.4055,
28.3096

■ 4.6752, 5.8551,
2.7507

■ 48.1972, 55.0047,
41.3998

■ 2.0908, 2.7572,
0.9688

■ 65.5791, 74.2574,
58.0074

■ 0.6842, 1.0063,
0.0000

■ 86.7059, 97.5479,
78.5507

■ 0.0000, 0.0000,
0.0000

■ 111.9431,
125.2606, 103.4485

141.6559,

157.7799, 133.1191

176.2098,
195.4903, 167.9812

■ 14.8680, 17.6298,
11.0068

■ 14.8680, 17.6298,
11.0068

■ 13.9960, 17.2309,
8.7022

■ 15.8410, 18.0724,
13.7443

■ 13.2191, 16.8716,
6.8072

■ 16.9178, 18.5580,
16.9342

■ 12.5332, 16.5506,
5.2980

■ 18.1027, 19.0890,
20.5961

■ 11.9328, 16.2660,
4.1480

■ 19.3992, 19.6668,
24.7481

■ 11.4120, 16.0151,
3.3269

■ 20.8110, 20.2930,
29.4076

■ 10.9641, 15.7954,
2.7998

■ 22.3412, 20.9687,
34.5908

■ 10.5860, 15.6078,
2.4547

■ 23.9931, 21.6953,
40.3133

■ 25.7697, 22.4741,
46.5902

■ 27.6738, 23.3062,
53.4359

Harmonies

Analogous

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



16.7568, 17.6298, 9.9989



14.8680, 17.6298, 11.0068



13.5792, 17.6298, 14.1011

Triad

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



14.8680, 17.6298, 11.0068



14.8677, 17.6298, 30.6824



21.0007, 17.6298, 19.1964

Complementary

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



14.8680, 17.6298, 11.0068



11.3415, 10.1545, 19.4523

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.



20.3946, 17.6298, 25.3902



14.8680, 17.6298, 11.0068



16.7564, 17.6298, 32.7902

Square

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



14.8680, 17.6298, 11.0068



13.5790, 17.6298, 25.3891



18.7987, 17.6298, 30.6831



20.3948, 17.6298, 14.1018

Rectangle

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



14.8680, 17.6298, 11.0068



13.1775, 17.6298, 17.3070



18.7987, 17.6298, 30.6831



20.9314, 17.6298, 21.2174

Sweetspot

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



14.8685, 17.6306, 11.0072



30.5696, 33.3547, 31.1608



13.5318, 12.7972, 10.1447



6.9338, 7.6015, 6.9550



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.8685, 17.6306, 11.0072



25.4595, 31.0372, 16.6050



12.8535, 16.5918, 10.9129



4.1972, 4.5769, 4.2867



11.3324, 16.7193, 2.6299



53.1706, 79.2959, 12.5033

Inverse Universe

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



11.3415, 10.1545, 19.4523



18.0351, 15.2922, 34.3940



13.4300, 11.2312, 19.5501



3.8993, 3.9460, 4.9993



4.4670, 1.8756, 19.5119



20.5491, 8.5554, 93.0381

Previews

White Background



This preview shows how the XYZ color 14.8680, 17.6298, 11.0068 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 14.8680, 17.6298, 11.0068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

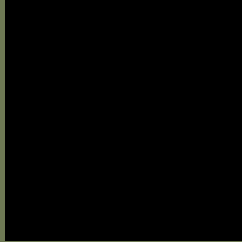
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.8680, 17.6298, 11.0068

Background



This preview shows how black text looks on a background with the XYZ color 14.8680, 17.6298, 11.0068.



This preview shows how white text looks on a background with the XYZ color 14.8680, 17.6298,

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

14.8680, 17.6298, 11.0068

Protanopia

16.3726, 17.5356, 10.5044

Deuteranopia

17.9551, 17.6635, 11.2672



Tritanopia

17.1495, 17.6845, 21.9116

Trichromacy



Original Color

14.8680, 17.6298, 11.0068

Protanomaly

15.7855, 17.5745, 10.7438

Deuteranomaly

16.6725, 17.5065, 11.0947

Tritanomaly

16.2323, 17.6601, 17.3050

Monochromacy



Original Color

14.8680, 17.6298, 11.0068

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3258, 16.8948, 15.0236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8680, 17.6298, 11.0068 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(110, 121, 84)` looks like.

```
.text, #text, p{  
    color:rgb(110, 121, 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(110, 121, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 121, 84) }
```

Border

The CSS property to change the border of an element to XYZ 14.8680, 17.6298, 11.0068 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(110, 121, 84) }
```


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

```
.border{ border-color:rgb(110, 121, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 121, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 121, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 121, 84);  
box-shadow:4px 4px 4px 4px rgb(110, 121,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8680, 17.6298, 11.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 121, 84) }
```

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

```
.background{ background-color: rgb(110,  
121, 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](#).

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