

Converting Colors

XYZ(14.5915, 17.8333, 14.5908)

Have a look what the booklet for
XYZ(14.5915, 17.8333, 14.5908)
contains.

XYZ(14.4807, 17.7194, 14.4614)	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(14.4807, 17.7194,
14.4614)**

Conversions

Conversions Part 1

Format	Color
Hex	637B63
RGB	99, 123, 99
RGB Percent	39%, 48%, 39%
CMY	0.6118, 0.5176, 0.6118
CMYK	0.20, 0.00, 0.20, 0.52
HSL	120°, 11%, 44%
HSV	120°, 20%, 48%
XYZ	14.4807, 17.7194, 14.4614
YIQ	113.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

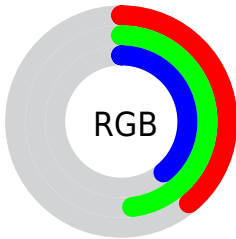
Format	Color
RYB	99, 123, 123
Decimal	6519651
CIELab	49.15, -13.79, 10.29
CIElCh	49, 17.207, 143.263
Yxy	17.7194, 0.3103, 0.3797
Android (android.graphics.Color)	4284709731 (0xFF637B63)
YUV	113.0880, -6.9454, -12.3552
Hunter-Lab	42.0944, -12.2603, 9.0972

Details

The XYZ color **14.4807, 17.7194, 14.4614** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2060, 14.5651, 20.6969**, and the grayscale version is **15.7439, 16.5638, 18.0380**.

A 20% lighter version of the original color is **33.6080, 39.7367, 34.7528**, and **4.4848, 5.8756, 4.1465** is the 20% darker color. If you saturate the color by 10%, you get **12.6940, 16.8617, 11.5385**, and if you desaturate by 10%, it is **16.5627, 18.7200, 17.8665**.

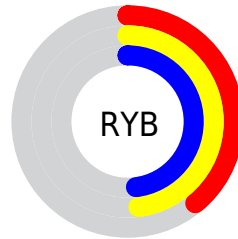
Distribution



Red (39%)

Green (48%)

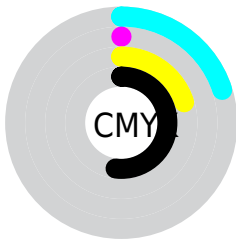
Blue (39%)



Red (39%)

Yellow (48%)

Blue (48%)

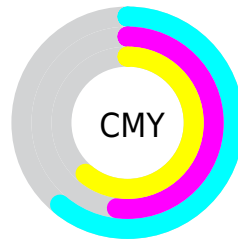


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (52%)



Cyan (61%)

Magenta (52%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4807, 17.7194, 14.4614 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 14.4807, 17.7194, 14.4614 by changing the saturation by 10% instead.

■ 14.4807, 17.7194,
14.4614

■ 14.4807, 17.7194,
14.4614

213.6524,
239.2847, 231.6100

■ 8.5397, 10.7487,
8.2999

■ 33.5187, 39.5586,
34.6343

■ 4.4969, 5.8981,
4.1969

■ 47.3465, 55.1959,
49.4828

■ 1.9869, 2.7832,
1.7340

■ 64.5339, 74.4909,
68.0640

■ 0.6266, 1.0196,
0.3839

■ 85.4462, 97.8280,
90.7965

■ 0.0000, 0.0000,
0.0000

110.4489,
125.5915, 118.0988

139.9072,

158.1658, 150.3895

174.1866,
195.9354, 188.0870

■ 14.4807, 17.7194,
14.4614

■ 14.4807, 17.7194,
14.4614

■ 12.6940, 16.8617,
11.5385

■ 16.5627, 18.7200,
17.8665

■ 11.1878, 16.1382,
9.0750

■ 18.9509, 19.8672,
21.7729

■ 9.9485, 15.5429,
7.0477

■ 21.6576, 21.1674,
26.2001

■ 8.9603, 15.0682,
5.4313

■ 24.6939, 22.6258,
31.1665

■ 8.2061, 14.7059,
4.1978

■ 28.0703, 24.2477,
36.6892

■ 7.6668, 14.4468,
3.3155

■ 31.7969, 26.0378,
42.7847

■ 7.3198, 14.2802,
2.7480

■ 35.8834, 28.0008,
49.4689

■ 7.0941, 14.1718,
2.3788

■ 40.3391, 30.1411,
56.7570

■ 7.0833, 14.1666,
2.3611

■ 45.1730, 32.4630,
64.6636

Harmonies

Analogous

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



15.6484, 17.7194, 12.2408



14.4807, 17.7194, 14.4614



13.9507, 17.7194, 18.2719

Triad

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



14.4807, 17.7194, 14.4614



16.4812, 17.7194, 29.5054



19.8489, 17.7194, 15.9993

Complementary

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



14.4807, 17.7194, 14.4614



16.2060, 14.5651, 20.6969

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.



20.1070, 17.7194, 20.3523



14.4807, 17.7194, 14.4614



18.0943, 17.7194, 28.6385

Square

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



14.4807, 17.7194, 14.4614



15.0571, 17.7194, 27.3063



19.4464, 17.7194, 25.0972



18.7621, 17.7194, 13.0248

Rectangle

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



14.4807, 17.7194, 14.4614



14.0047, 17.7194, 21.3998



19.4464, 17.7194, 25.0972



20.0382, 17.7194, 17.3300

Sweetspot

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



14.4812, 17.7202, 14.4618



31.0351, 34.1827, 34.2451



17.5042, 19.2786, 14.6032



7.2594, 8.0266, 7.9838



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.



14.4812, 17.7202, 14.4618



24.5719, 31.0781, 23.6734



15.0983, 17.9670, 17.7117



3.9509, 4.4500, 4.2752



7.3273, 14.6546, 2.4425



34.9519, 69.9038, 11.6507

Inverse Universe

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



16.2060, 14.5651, 20.6969



28.1998, 24.4420, 36.7879



15.5000, 14.2828, 16.9794



4.1545, 4.0775, 5.0112



12.1485, 5.8356, 19.8709



57.9497, 27.8362, 94.7859

Previews

White Background



This preview shows how the XYZ color 14.4807, 17.7194, 14.4614 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 14.4807, 17.7194, 14.4614 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 14.4807, 17.7194, 14.4614

Background



This preview shows how black text looks on a background with the XYZ color 14.4807, 17.7194, 14.4614.



This preview shows how white text looks on a background with the XYZ color 14.4807, 17.7194,

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

14.4807, 17.7194, 14.4614

Protanopia

16.5251, 17.5463, 13.5821

Deuteranopia

17.8160, 17.5145, 14.7535



Tritanopia

16.2020, 17.6952, 22.9837

Trichromacy



Original Color

14.4807, 17.7194, 14.4614

Protanomaly

15.6939, 17.6341, 13.8858

Deuteranomaly

16.4308, 17.4758, 14.5638

Tritanomaly

15.4068, 17.5421, 19.4036

Monochromacy



Original Color

14.4807, 17.7194, 14.4614

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2524, 16.9934, 16.6635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4807, 17.7194, 14.4614 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(99, 123, 99) looks like.

```
.text, #text, p{  
    color:rgb(99, 123, 99)  
}
```

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(99, 123, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 123, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.4807, 17.7194, 14.4614 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(99, 123, 99) }
```


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

```
.border{ border-color:rgb(99, 123, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 123, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 123, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 123, 99);  
box-shadow:4px 4px 4px 4px rgb(99, 123,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4807, 17.7194, 14.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 123, 99) }
```

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

```
.background{ background-color: rgb(99, 123,  
99) }
```

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