

Converting Colors

XYZ(14.8777, 17.6475, 7.0399)

Have a look what the booklet for
XYZ(14.8777, 17.6475, 7.0399)
contains.

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Color

**XYZ(14.8821, 17.7247,
7.0517)**

Conversions

Conversions Part 1

Format	Color
Hex	74793D
RGB	116, 121, 61
RGB Percent	45%, 47%, 24%
CMY	0.5451, 0.5255, 0.7608
CMYK	0.04, 0.00, 0.50, 0.53
HSL	65°, 33%, 36%
HSV	65°, 50%, 47%
XYZ	14.8821, 17.7247, 7.0517
YIQ	112.6650, 16.2800, -19.7200

Conversions

Conversions Part 2

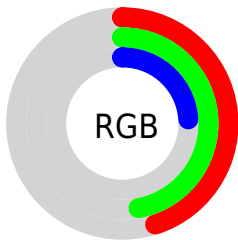
Format	Color
RYB	61, 121, 66
Decimal	7633213
CIELab	49.16, -11.37, 32.03
CIELCh	49, 33.988, 109.549
Yxy	17.7247, 0.3753, 0.4469
Android (android.graphics.Color)	4285823293 (0xFF74793D)
YUV	112.6650, -25.4708, 2.9248
Hunter-Lab	42.1007, -10.5786, 19.5397

Details

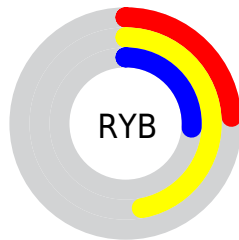
The XYZ color **14.8821, 17.7247, 7.0517** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.3674, 5.8767, 18.8363**, and the grayscale version is **15.6668, 16.4827, 17.9496**.

A 20% lighter version of the original color is **34.1202, 39.4479, 20.5677**, and **4.7086, 5.9550, 1.3167** is the 20% darker color. If you saturate the color by 10%, you get **14.4590, 17.5407, 5.5184**, and if you desaturate by 10%, it is **15.3811, 17.9405, 8.9733**.

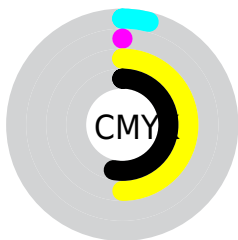
Distribution



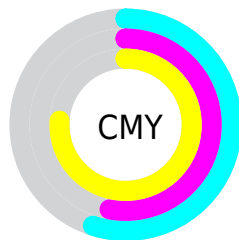
- Red (45%)
- Green (47%)
- Blue (24%)



- Red (24%)
- Yellow (47%)
- Blue (26%)



- Cyan (4%)
- Magenta (0%)
- Yellow (50%)
- Black (53%)



- Cyan (55%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8821, 17.7247, 7.0517 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 14.8821, 17.7247, 7.0517 by changing the saturation by 10% instead.

■ 14.8821, 17.7247,
7.0517

■ 14.8821, 17.7247,
7.0517

216.0540,
239.3147, 177.7398

■ 8.8225, 10.7525,
3.4155

■ 34.2196, 39.5677,
20.5918

■ 4.6817, 5.9007,
1.3105

■ 48.2281, 55.2072,
31.3328

■ 2.0946, 2.7848,
0.0704

■ 65.6170, 74.5047,
45.2791

■ 0.6863, 1.0204,
0.0000

■ 86.7516, 97.8445,
62.8493

■ 0.0000, 0.0000,
0.0000

■ 111.9972,
125.6110, 84.4619

■ 141.7193,

158.1886, 110.5355

176.2831,
195.9617, 141.4886

■ 14.8821, 17.7247,
7.0517

■ 14.8821, 17.7247,
7.0517

■ 14.4590, 17.5407,
5.5184

■ 15.3811, 17.9405,
8.9733

■ 14.1056, 17.3841,
4.3459

■ 15.9592, 18.1875,
11.3059

■ 13.8165, 17.2534,
3.5049

■ 16.6211, 18.4682,
14.0721

■ 13.5852, 17.1459,
2.9609

■ 17.3706, 18.7841,
17.2922

■ 13.3902, 17.0532,
2.6002

■ 18.2114, 19.1367,
20.9853

■ 13.3823, 17.0494,
2.5855

■ 19.1470, 19.5273,
25.1696

■ 20.1806, 19.9574,
29.8621

■ 21.3152, 20.4280,
35.0791

■ 22.5539, 20.9404,
40.8362

Harmonies

Analogous

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



17.9808, 17.7247, 6.6905



14.8821, 17.7247, 7.0517



12.6082, 17.7247, 10.0196

Triad

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



14.8821, 17.7247, 7.0517



13.1821, 17.7247, 35.9317



23.6054, 17.7247, 22.6541

Complementary

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



14.8821, 17.7247, 7.0517



7.3674, 5.8767, 18.8363

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.



21.9425, 17.7247, 33.0399



14.8821, 17.7247, 7.0517



15.7615, 17.7247, 42.1570

Square

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



14.8821, 17.7247, 7.0517



11.7156, 17.7247, 25.7733



18.9772, 17.7247, 40.9580



23.2924, 17.7247, 14.0116

Rectangle

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



14.8821, 17.7247, 7.0517



11.7415, 17.7247, 13.8032



18.9772, 17.7247, 40.9580



23.2516, 17.7247, 26.0891

Sweetspot

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



14.8825, 17.7255, 7.0521



30.3079, 33.3000, 27.5254



10.6763, 8.2988, 5.4542



6.8792, 7.5927, 6.0768



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.



14.8825, 17.7255, 7.0521



25.7603, 31.3514, 9.4316



11.5181, 15.9911, 6.8946



4.2764, 4.6178, 4.2904



14.3358, 18.2676, 2.7704



68.0348, 86.9586, 13.1989

Inverse Universe

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



7.3674, 5.8767, 18.8363



10.5806, 7.3990, 33.2634



9.9444, 7.2052, 18.9569



3.8258, 3.9081, 4.9959



3.8289, 1.5466, 19.4820



17.9525, 7.2169, 92.9166

Previews

White Background



This preview shows how the XYZ color 14.8821, 17.7247, 7.0517 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 14.8821, 17.7247, 7.0517 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 14.8821, 17.7247, 7.0517

Background



This preview shows how black text looks on a background with the XYZ color 14.8821, 17.7247, 7.0517.



This preview shows how white text looks on a background with the XYZ color 14.8821, 17.7247,

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

14.8821, 17.7247, 7.0517

Protanopia

16.2302, 17.7160, 6.8391

Deuteranopia

17.9093, 17.5674, 7.1495



Tritanopia

17.7608, 17.6756, 21.2145

Trichromacy



Original Color

14.8821, 17.7247, 7.0517

Protanomaly

15.6062, 17.5682, 6.8434

Deuteranomaly

16.6731, 17.5958, 7.0750

Tritanomaly

16.4073, 17.6357, 14.5959

Monochromacy



Original Color

14.8821, 17.7247, 7.0517

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2052, 16.8763, 13.0457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8821, 17.7247, 7.0517 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(116, 121, 61)` looks like.

```
.text, #text, p{  
    color:rgb(116, 121, 61)  
}
```

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(116, 121, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 121, 61) }
```

Border

The CSS property to change the border of an element to XYZ 14.8821, 17.7247, 7.0517 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(116, 121, 61) }
```


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

```
.border{ border-color:rgb(116, 121, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 121, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 121, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 121, 61);  
box-shadow:4px 4px 4px 4px rgb(116, 121,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8821, 17.7247, 7.0517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 121, 61) }
```

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

```
.background{ background-color: rgb(116,  
121, 61) }
```

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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