

Converting Colors

XYZ(15.0456, 17.1046, 9.1785)

Have a look what the booklet for
XYZ(15.0456, 17.1046, 9.1785)
contains.

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Color

**XYZ(14.9674, 17.0125,
9.1515)**

Conversions

Conversions Part 1	
Format	Color
Hex	75754B
RGB	117, 117, 75
RGB Percent	46%, 46%, 29%
CMY	0.5412, 0.5412, 0.7059
CMYK	0.00, 0.00, 0.36, 0.54
HSL	60°, 22%, 38%
HSV	60°, 36%, 46%
XYZ	14.9674, 17.0125, 9.1515
YIQ	112.2120, 13.4820, -13.0620

Conversions

Conversions Part 2

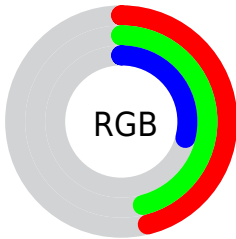
Format	Color
RYB	75, 117, 75
Decimal	7697739
CIELab	48.28, -7.05, 23.21
CIELCh	48, 24.259, 106.883
Yxy	17.0125, 0.3639, 0.4136
Android (android.graphics.Color)	4285887819 (0xFF75754B)
YUV	112.2120, -18.3455, 4.1991
Hunter-Lab	41.2462, -7.4069, 15.7174

Details

The XYZ color **14.9674, 17.0125, 9.1515** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6293, 7.8128, 17.8839**, and the grayscale version is **15.5132, 16.3211, 17.7737**.

A 20% lighter version of the original color is **34.4036, 38.3772, 24.6631**, and **4.7464, 5.5789, 2.0550** is the 20% darker color. If you saturate the color by 10%, you get **14.6033, 16.8674, 7.2329**, and if you desaturate by 10%, it is **15.4060, 17.1886, 11.4588**.

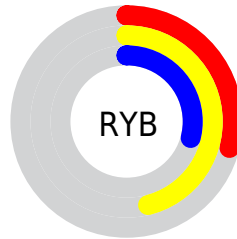
Distribution



Red (46%)

Green (46%)

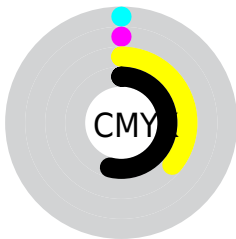
Blue (29%)



Red (29%)

Yellow (46%)

Blue (29%)

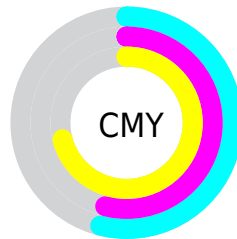


Cyan (0%)

Magenta (0%)

Yellow (36%)

Black (54%)



Cyan (54%)


Magenta (54%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9674, 17.0125, 9.1515 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 14.9674, 17.0125, 9.1515 by changing the saturation by 10% instead.

 14.9674, 17.0125,
9.1515


 14.9674, 17.0125,
9.1515


216.5611,
235.2444, 194.7636


 8.8827, 10.2434,
4.7420


 34.3681, 38.3473,
24.7692


 4.7212, 5.5606,
2.0406


 48.4148, 53.6817,
36.8144


 2.1177, 2.5798,
0.5801

 65.8462, 72.6401,
52.2420

 0.6988, 0.9165,
0.0000

 87.0276, 95.6068,
71.4704


 0.0000, 0.0000,
0.0000


 112.3245,
122.9661, 94.9183


142.1021,


155.1026, 123.0040


176.7259,
192.4006, 156.1463


 14.9674, 17.0125,
9.1515


 14.9674, 17.0125,
9.1515


 14.6033, 16.8674,
7.2329


 15.4060, 17.1886,
11.4588


 14.3084, 16.7495,
5.6807


 15.9217, 17.3948,
14.1734


 14.0787, 16.6576,
4.4718


 16.5182, 17.6335,
17.3141


 13.9093, 16.5898,
3.5803


 17.1989, 17.9058,
20.8980


 13.7944, 16.5438,
2.9763


 17.9669, 18.2130,
24.9414


 13.7233, 16.5154,
2.6023

 18.8251, 18.5563,
29.4599

 13.6970, 16.5048,
2.4638

 19.7763, 18.9367,
34.4680

 20.8231, 19.3555,
39.9800

 21.9682, 19.8136,
46.0093

Harmonies

Analogous

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



17.1531, 17.0125, 9.0228



14.9674, 17.0125, 9.1515



13.2633, 17.0125, 11.3914

Triad

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



14.9674, 17.0125, 9.1515



13.4370, 17.0125, 28.8978



20.6693, 17.0125, 21.4237

Complementary

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



14.9674, 17.0125, 9.1515



8.6293, 7.8128, 17.8839

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.



19.4728, 17.0125, 28.1440



14.9674, 17.0125, 9.1515



15.2250, 17.0125, 33.0760

Square

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



14.9674, 17.0125, 9.1515



12.4365, 17.0125, 22.2859



17.4351, 17.0125, 32.7724



20.5843, 17.0125, 15.2107

Rectangle

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



14.9674, 17.0125, 9.1515



12.5696, 17.0125, 14.1466



17.4351, 17.0125, 32.7724



20.3994, 17.0125, 23.7218

Sweetspot

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



14.9678, 17.0133, 9.1519



28.9839, 31.3370, 27.8770



11.1228, 9.3225, 7.8700



6.6392, 7.1950, 6.2793



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.9678, 17.0133, 9.1519



26.2560, 30.2458, 13.5161



12.4558, 15.7183, 9.0343



3.9666, 4.2663, 3.9567



15.0901, 18.1836, 2.7145



73.5357, 88.6108, 13.2279

Inverse Universe

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



8.6293, 7.8128, 17.8839



13.1256, 11.1870, 31.6045



10.5514, 8.8037, 17.9738



3.5006, 3.5899, 4.5986



3.5378, 1.4151, 18.6293



17.2399, 6.8960, 90.7827

Previews

White Background



This preview shows how the XYZ color 14.9674, 17.0125, 9.1515 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 14.9674, 17.0125, 9.1515 looks on a black 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

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

XYZ 14.9674, 17.0125, 9.1515

Background



This preview shows how black text looks on a background with the XYZ color 14.9674, 17.0125, 9.1515.



This preview shows how white text looks on a background with the XYZ color 14.9674, 17.0125,

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

14.9674, 17.0125, 9.1515

Protanopia

15.8242, 17.1159, 8.9482

Deuteranopia

17.2320, 17.0060, 9.3954



Tritanopia

17.1006, 16.8625, 20.1228

Trichromacy



Original Color
14.9674, 17.0125, 9.1515

Protanomaly
15.5075, 17.1228, 8.9663

Deuteranomaly
16.4156, 17.0779, 9.2686

Tritanomaly
16.1495, 16.8028, 15.4888

Monochromacy



Original Color
14.9674, 17.0125, 9.1515

Achromatopsia
15.4009, 16.2029, 17.6450

Achromatomaly
15.2089, 16.5129, 14.1901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9674, 17.0125, 9.1515 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(117, 117, 75)` looks like.

```
.text, #text, p{  
    color:rgb(117, 117, 75)  
}
```

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(117, 117, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 117, 75) }
```

Border

The CSS property to change the border of an element to XYZ 14.9674, 17.0125, 9.1515 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(117, 117, 75) }
```


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

```
.border{ border-color:rgb(117, 117, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 117, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 117, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 117, 75);  
box-shadow:4px 4px 4px 4px rgb(117, 117,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9674, 17.0125, 9.1515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 117, 75) }
```

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

```
.background{ background-color: rgb(117,  
117, 75) }
```

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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