

Converting Colors

YUV(114.9510, 1.0102, 2.6740)

Have a look what the booklet for
YUV(114.9510, 1.0102, 2.6740)
contains.

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Color

**YUV(114.9510, 1.0102,
2.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	767175
RGB	118, 113, 117
RGB Percent	46%, 44%, 46%
CMY	0.5373, 0.5569, 0.5412
CMYK	0.00, 0.04, 0.01, 0.54
HSL	312°, 2%, 45%
HSV	312°, 4%, 46%
XYZ	16.5872, 16.9462, 19.2263
YIQ	114.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

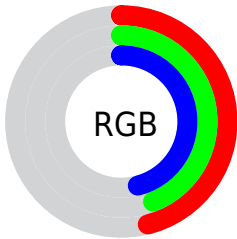
Format	Color
R_{YB}	118, 113, 117
Decimal	7762293
CIE _{Lab}	48.19, 2.72, -1.53
CIE _{LCh}	48, 3.123, 330.710
Yxy	16.9462, 0.3144, 0.3212
Android (android.graphics.Color)	4285952373 (0xFF767175)
YUV	114.9510, 1.0102, 2.6740
Hunter-Lab	41.1657, -0.1156, 1.1248

Details

The YUV color **114.9510, 1.0102, 2.6740** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **116.0490, -1.0102, -2.6740**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9510, 1.0102, 2.6740**, and **66.9510, 1.0102, 2.6740** is the 20% darker color. If you saturate the color by 10%, you get **107.6790, 3.6093, 9.0515**, and if you desaturate by 10%, it is **122.2230, -1.5889, -3.7036**.

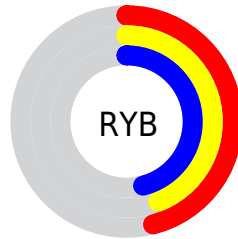
Distribution



Red (46%)

Green (44%)

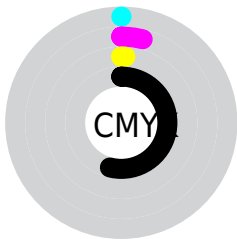
Blue (46%)



Red (46%)

Yellow (44%)

Blue (46%)

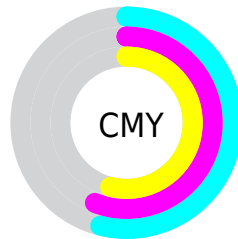


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.9510, 1.0102, 2.6740 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 YUV color 114.9510, 1.0102, 2.6740 by changing the saturation by 10% instead.

■ 114.9510, 1.0102,
2.6740

■ 114.9510, 1.0102,
2.6740

255.0000, 0.0000,
0.0000

■ 90.5380, 0.7208,
2.1592

■ 166.9510, 1.0102,
2.6740

■ 66.9510, 1.0102,
2.6740

■ 193.9510, 1.0102,
2.6740

■ 44.6520, 1.1576,
2.0592

■ 221.9510, 1.0102,
2.6740

■ 24.5380, 0.7208,
2.1592

■ 250.3640, 1.2995,
3.1888

■ 0.0000, 0.0000,
0.0000

■ 114.9510, 1.0102,

■ 114.9510, 1.0102,

2.6740

2.6740

■ 107.6790, 3.6093,
9.0515

■ 122.2230, -1.5889,
-3.7036

■ 100.2930, 5.7716,
15.5290

■ 129.6090, -3.7512,
-10.1811

■ 93.6080, 8.0813,
21.3918

■ 136.2940, -6.0609,
-16.0438

■ 86.3360, 10.6804,
27.7693

■ 143.5660, -8.6600,
-22.4214

■ 78.9500, 12.8427,
34.2469

■ 150.9520,
-10.8223, -28.8989

■ 71.6780, 15.4417,
40.6244

■ 158.2240,
-13.4214, -35.2764

■ 64.2920, 17.6040,
47.1019

■ 165.6100,
-15.5837, -41.7540

■ 57.6070, 19.9137,
52.9647

■ 172.2950,
-17.8934, -47.6167

■ 50.3350, 22.5128,
59.3422

■ 179.5670,
-20.4925, -53.9943

Harmonies

Analogous

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



114.8690, 2.0366, 0.1149



114.9510, 1.0102, 2.6740



115.2070, -0.5951, 4.2035

Triad

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



114.9510, 1.0102, 2.6740



114.3270, -2.6262, 2.3442



113.7220, 1.6161, -5.0182

Complementary

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



114.9510, 1.0102, 2.6740



116.0490, -1.0102, -2.6740

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.



113.6790, 0.1583, -4.1035



114.9510, 1.0102, 2.6740



114.1310, -2.0366, -0.1149

Square

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



114.9510, 1.0102, 2.6740



114.4520, -2.1948, 3.9886



114.0490, -1.0102, -2.6740



113.6620, 2.6316, -4.0886

Rectangle

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



114.9510, 1.0102, 2.6740



115.0930, -1.0318, 4.3034



114.0490, -1.0102, -2.6740



113.6080, 1.1793, -4.9182

Sweetspot

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



114.9510, 1.0102, 2.6740



151.8260, 0.5788, 1.0296



113.8690, 2.0366, 0.1149



76.2990, -0.1474, 0.6148



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



114.9510, 1.0102, 2.6740



148.0760, 1.4415, 4.3183



114.6090, -0.3002, 2.9739



56.5380, 0.7208, 2.1592



47.6500, 24.8225, 65.2049



97.5500, 50.5078, 133.6986

Inverse Universe

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



114.9510, 1.0102, 2.6740



148.0760, 1.4415, 4.3183



116.3910, 0.3002, -2.9739



56.5380, 0.7208, 2.1592



47.6500, 24.8225, 65.2049



97.5500, 50.5078, 133.6986

Previews

White Background



This preview shows how the YUV color 114.9510, 1.0102, 2.6740 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 YUV color 114.9510, 1.0102, 2.6740 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](#).

YUV 114.9510, 1.0102, 2.6740

Background



This preview shows how black text looks on a background with the YUV color 114.9510, 1.0102, 2.6740.



This preview shows how white text looks on a background with the YUV color 114.9510, 1.0102,

2.6740.

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

114.9510, 1.0102, 2.6740

Protanopia

114.6410, 1.1630, 0.3148

Deuteranopia

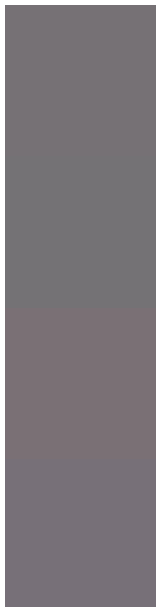
115.5710, 0.7045, 7.3922



Tritanopia

115.1190, 2.8993, 3.4036

Trichromacy



Original Color

114.9510, 1.0102, 2.6740

Protanomaly

114.9400, 1.0156, 0.9296

Deuteranomaly

115.5600, 0.7099, 5.6479

Tritanomaly

115.0050, 2.4625, 3.5036

Monochromacy



Original Color

114.9510, 1.0102, 2.6740

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8260, 0.5788, 1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.9510, 1.0102, 2.6740 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(118, 113, 117)` looks like.

```
.text, #text, p{  
    color:rgb(118, 113, 117)  
}
```

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(118, 113, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 113, 117) }
```

Border

The CSS property to change the border of an element to YUV 114.9510, 1.0102, 2.6740 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(118, 113, 117) }
```


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

```
.border{ border-color:rgb(118, 113, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 113, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 113, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 113, 117);  
box-shadow:4px 4px 4px 4px rgb(118, 113,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 114.9510, 1.0102, 2.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 113, 117) }
```

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

```
.background{ background-color: rgb(118,  
113, 117) }
```

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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