

Converting Colors

YUV(114.5170, -4.1989, -6.5924)

Have a look what the booklet for
YUV(114.5170, -4.1989, -6.5924)
contains.

YUV(114.5170, -4.1989, -6.5924)	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

**YUV(114.5170, -4.1989,
-6.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	6B786A
RGB	107, 120, 106
RGB Percent	42%, 47%, 42%
CMY	0.5804, 0.5294, 0.5843
CMYK	0.11, 0.00, 0.12, 0.53
HSL	116°, 6%, 44%
HSV	116°, 12%, 47%
XYZ	15.3814, 17.5993, 16.2220
YIQ	114.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

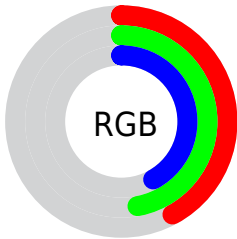
Format	Color
R_{YB}	106, 120, 119
Decimal	7043178
CIE Lab	49.01, -7.73, 6.05
CIE LCh	49, 9.817, 141.924
Yxy	17.5993, 0.3126, 0.3577
Android (android.graphics.Color)	4285233258 (0xFF6B786A)
YUV	114.5170, -4.1989, -6.5924
Hunter-Lab	41.9516, -7.9689, 6.4396

Details

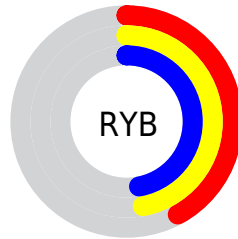
The YUV color **114.5170, -4.1989, -6.5924** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **111.4830, 4.1989, 6.5924**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1040, -4.4883, -7.1072**, and **66.9300, -3.9095, -6.0776** is the 20% darker color. If you saturate the color by 10%, you get **109.8600, -7.8190, -12.1552**, and if you desaturate by 10%, it is **119.1740, -0.5788, -1.0296**.

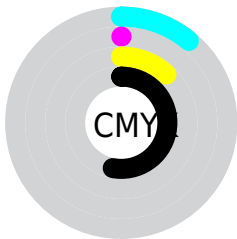
Distribution



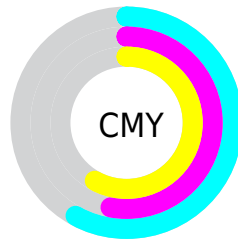
- Red (42%)
- Green (47%)
- Blue (42%)



- Red (42%)
- Yellow (47%)
- Blue (47%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.5170, -4.1989, -6.5924 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 114.5170, -4.1989, -6.5924 by changing the saturation by 10% instead.

■ 114.5170, -4.1989,
-6.5924

■ 114.5170, -4.1989,
-6.5924

255.0000, 0.0000,
0.0000

■ 89.9300, -3.9095,
-6.0776

■ 166.1040, -4.4883,
-7.1072

■ 66.9300, -3.9095,
-6.0776

■ 193.6910, -4.7777,
-7.6220

■ 44.3430, -3.6201,
-5.5628

■ 221.6910, -4.7777,
-7.6220

■ 23.6420, -3.7675,
-4.9480

■ 249.1040, -4.4883,
-7.1072

■ 0.0000, 0.0000,
0.0000

■ 114.5170, -4.1989,

■ 114.5170, -4.1989,

-6.5924

-6.5924

■ 109.8600, -7.8190,
-12.1552

■ 119.1740, -0.5788,
-1.0296

■ 105.2030,
-11.4391, -17.7180

■ 123.8310, 3.0413,
4.5332

■ 100.5460,
-15.0592, -23.2808

■ 128.4880, 6.6614,
10.0960

■ 95.5900, -18.5319,
-29.4584

■ 133.4440, 10.1341,
16.2736

■ 90.9330, -22.1520,
-35.0212

■ 138.1010, 13.7542,
21.8364

■ 86.2760, -25.7721,
-40.5841

■ 142.7580, 17.3743,
27.3992

■ 81.6190, -29.3922,
-46.1469

■ 147.4150, 20.9944,
32.9620

■ 76.9620, -33.0123,
-51.7097

■ 152.0720, 24.6145,
38.5249

■ 73.1310, -36.0536,
-56.2429

■ 156.7290, 28.2346,
44.0877

Harmonies

Analogous

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



115.7630, -7.2782, 1.0848



114.5170, -4.1989, -6.5924



113.6240, 0.1854, -12.8252

Triad

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



114.5170, -4.1989, -6.5924



115.8230, 8.4683, -9.4918



117.8770, -3.3904, 14.1399

Complementary

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



114.5170, -4.1989, -6.5924



111.4830, 4.1989, 6.5924

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.



118.1910, 0.3988, 12.1105



114.5170, -4.1989, -6.5924



116.9380, 7.4256, -1.6996

Square

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



114.5170, -4.1989, -6.5924



114.1490, 7.3215, -15.0397



118.1840, 4.3463, 5.9776



117.6550, -6.7319, 12.5806

Rectangle

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



114.5170, -4.1989, -6.5924



113.4110, 3.2484, -15.2694



118.1840, 4.3463, 5.9776



118.1050, -2.5168, 13.9399

Sweetspot

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



114.5170, -4.1989, -6.5924



153.4080, -2.1731, -2.9888



117.8170, -5.8258, 1.9145



77.3480, -1.1576, -2.0592



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



114.5170, -4.1989, -6.5924



147.2130, -6.5140, -10.7108



114.9020, -1.4307, -7.8071



58.8210, -1.8838, -2.4740



76.0660, -37.5005, -58.8169



153.3060, -75.5799, -118.6634

Inverse Universe

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



111.4830, 4.1989, 6.5924



142.4880, 6.6614, 10.0960



111.0980, 1.4307, 7.8071



57.4780, 1.7363, 3.0888



48.9340, 37.5005, 58.8169



98.6940, 75.5799, 118.6634

Previews

White Background



This preview shows how the YUV color 114.5170, -4.1989, -6.5924 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 114.5170, -4.1989, -6.5924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

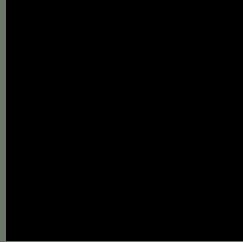
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.5170, -4.1989, -6.5924

Background



This preview shows how black text looks on a background with the YUV color 114.5170, -4.1989, -6.5924.



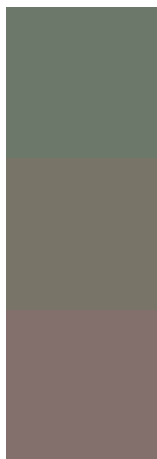
This preview shows how white text looks on a background with the YUV color 114.5170, -4.1989, -6.5924.

-6.5924.

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

114.5170, -4.1989, -6.5924

Protanopia

116.1270, -5.9786, 4.2736

Deuteranopia

117.2250, -4.5479, 12.0807



Tritanopia

115.9330, 4.9630, -5.2032

Trichromacy



Original Color

114.5170, -4.1989, -6.5924

Protanomaly

115.3330, -5.0942, 0.5850

Deuteranomaly

116.1810, -4.5262, 5.1033

Tritanomaly

115.4230, 1.7635, -5.6330

Monochromacy



Original Color

114.5170, -4.1989, -6.5924

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9350, -1.4470, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5170, -4.1989, -6.5924 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(107, 120, 106)` looks like.

```
.text, #text, p{  
    color:rgb(107, 120, 106)  
}
```

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(107, 120, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 120, 106) }
```

Border

The CSS property to change the border of an element to YUV 114.5170, -4.1989, -6.5924 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(107, 120, 106) }
```


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

```
.border{ border-color:rgb(107, 120, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 120, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 120, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 120, 106);  
box-shadow:4px 4px 4px 4px rgb(107, 120,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 114.5170, -4.1989, -6.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 120, 106) }
```

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

```
.background{ background-color: rgb(107,  
120, 106) }
```

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