

# Converting Colors

YUV(114.4650, 8.1518, -1.2848)

Have a look what the booklet for  
YUV(114.4650, 8.1518, -1.2848)  
contains.

<b>YUV(114.4650, 8.1518, -1.2848)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(114.4650, 8.1518,  
-1.2848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	717083
RGB	113, 112, 131
RGB Percent	44%, 44%, 51%
CMY	0.5569, 0.5608, 0.4863
CMYK	0.14, 0.15, 0.00, 0.49
HSL	243°, 8%, 48%
HSV	243°, 15%, 51%
XYZ	16.7010, 16.7377, 23.8232
YIQ	114.4650, -5.5030, 6.1210

# Conversions

## Conversions Part 2

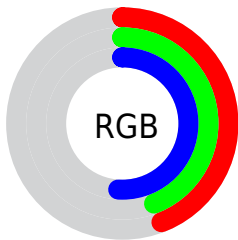
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 112, 131
Decimal	7434371
CIE <sub>Lab</sub>	47.93, 4.50, -10.30
CIE <sub>LCh</sub>	48, 11.236, 293.611
Yxy	16.7377, 0.2917, 0.2923
Android (android.graphics.Color)	4285624451 (0xFF717083)
YUV	114.4650, 8.1518, -1.2848
Hunter-Lab	40.9118, 1.2714, -5.8867

# Details

The YUV color  $[114.4650, 8.1518, -1.2848]$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $[128.5350, -8.1518, 1.2848]$ , and the grayscale version is  $[114.0000, 0.0000, 0.0000]$ .

A 20% lighter version of the original color is  $[166.5790, 8.5886, -1.3848]$ , and  $[66.3510, 7.7150, -1.1848]$  is the 20% darker color. If you saturate the color by 10%, you get  $[103.2460, 13.6827, -1.9697]$ , and if you desaturate by 10%, it is  $[125.6840, 2.6208, -0.5999]$ .

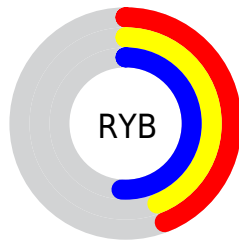
# Distribution



Red (44%)

Green (44%)

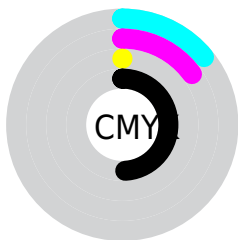
Blue (51%)



Red (44%)

Yellow (44%)

Blue (51%)

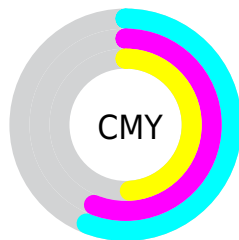


Cyan (14%)

Magenta (15%)

Yellow (0%)

Black (49%)



Cyan (56%)

Magenta (56%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 114.4650, 8.1518, -1.2848 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 114.4650, 8.1518, -1.2848 by changing the saturation by 10% instead.



■ 114.4650, 8.1518,  
-1.2848

■ 114.4650, 8.1518,  
-1.2848

■ 255.0000, 0.0000,  
0.0000

■ 90.0520, 7.8624,  
-1.7996

■ 166.5790, 8.5886,  
-1.3848

■ 66.3510, 7.7150,  
-1.1848

■ 193.6930, 9.0254,  
-1.4848

■ 44.2370, 7.2782,  
-1.0848

■ 221.6930, 9.0254,  
-1.4848

■ 23.7100, 6.5520,  
-1.4997

■ 248.5100, 3.1996,  
0.4297

■ 2.2970, 6.2626,  
-2.0145

■ 0.0000, 0.0000,  
0.0000

■ 114.4650, 8.1518,  
-1.2848

■ 114.4650, 8.1518,  
-1.2848

■ 103.2460, 13.6827,  
-1.9697

■ 125.6840, 2.6208,  
-0.5999

■ 91.7280, 19.3611,  
-3.2695

■ 137.2020, -3.0576,  
0.6998

■ 80.5090, 24.8921,  
-3.9544

■ 148.4210, -8.5886,  
1.3848

■ 68.9910, 30.5704,  
-5.2541

■ 159.9390,  
-14.2669, 2.6845

■ 57.7720, 36.1014,  
-5.9390

■ 171.7450,  
-20.0873, 2.8546

■ 45.9660, 41.9218,  
-6.1092

■ 182.9640,  
-25.6183, 3.5396

■ 34.4480, 47.6001,  
-7.4089

■ 194.4820,  
-31.2966, 4.8393

■ 23.2290, 53.1311,

■ 205.7010,

-8.0938

-36.8276, 5.5242

■ 17.0270, 56.1887,  
-8.7937

■ 217.2190,  
-42.5060, 6.8239

# Harmonies

## Analogous

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



112.7520, 9.4893, -10.3065



114.4650, 8.1518, -1.2848



115.3090, 4.7777, 7.6220

# Triad

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



114.4650, 8.1518, -1.2848



114.4380, -7.6109, 14.5249



110.3140, 0.3382, -15.1844

# Complementary

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



114.4650, 8.1518, -1.2848



128.5350, -8.1518, 1.2848

# 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.



111.3920, -4.6303, -8.2368



114.4650, 8.1518, -1.2848



113.3510, -9.0470, 8.4622

# Square

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



114.4650, 8.1518, -1.2848



115.6600, -4.2694, 16.0842



112.2360, -8.0043, 0.6700



110.2580, 5.2958, -18.6433



# Rectangle

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



114.4650, 8.1518, -1.2848



115.8320, 1.5618, 12.4253



112.2360, -8.0043, 0.6700



110.8690, -1.4144, -13.0401

# Sweetspot

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



114.4650, 8.1518, -1.2848



164.7980, 3.0576, -0.6998



124.7320, 3.0901, -11.1660



82.8690, 2.0366, 0.1149



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



114.4650, 8.1518, -1.2848



145.6050, 12.5197, -2.2846



117.1560, 6.8251, 4.2482



60.6840, 2.6208, -0.5999



16.9130, 55.7519, -8.6937



0.3420, 1.3104, -0.2999



# Inverse Universe

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



119.7330, 5.0616, 9.8812



153.7490, 7.5187, 15.1291



125.8440, -6.8251, -4.2482



62.4780, 1.7363, 3.0888



52.8920, 34.5632, 67.6237



1.1250, 0.4314, 1.6444



# Previews

## White Background



This preview shows how the YUV color 114.4650, 8.1518, -1.2848 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 114.4650, 8.1518, -1.2848 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

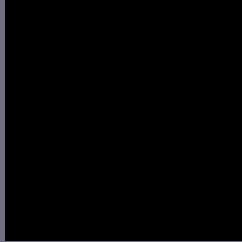
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

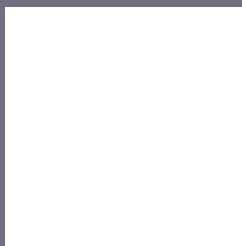
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 114.4650, 8.1518, -1.2848

## Background



This preview shows how black text looks on a background with the YUV color 114.4650, 8.1518, -1.2848.



This preview shows how white text looks on a background with the YUV color 114.4650, 8.1518,

-1.2848.

# 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

114.4650, 8.1518, -1.2848

### Protanopia

114.2690, 8.7414, -3.7439

### Deuteranopia

114.7750, 7.9989, 1.0743



## Tritanopia

113.7270, 4.0786, -1.5146

# Trichromacy



## Original Color

114.4650, 8.1518, -1.2848

## Protanomaly

114.5680, 8.5940, -3.1291

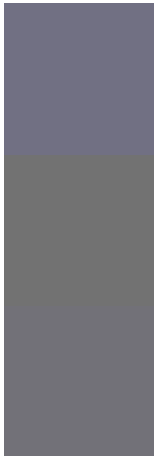
## Deuteranomaly

114.4760, 8.1463, 0.4595

## Tritanomaly

114.0690, 5.3890, -1.8145

# Monochromacy



## Original Color

114.4650, 8.1518, -1.2848

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

114.0970, 2.9102, -0.0851

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 114.4650, 8.1518, -1.2848 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(113, 112, 131)` looks like.

```
.text, #text, p{  
    color:rgb(113, 112, 131)  
}
```

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(113, 112, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 112, 131) }
```

## Border

The CSS property to change the border of an element to YUV 114.4650, 8.1518, -1.2848 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(113, 112, 131) }
```



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

```
.border{ border-color:rgb(113, 112, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 112, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 112, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 112, 131);  
box-shadow:4px 4px 4px 4px rgb(113, 112,  
131) }
```

# Background

The CSS property to change the background color of an element to YUV 114.4650, 8.1518, -1.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 112, 131) }
```

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

```
.background{ background-color: rgb(113,  
112, 131) }
```

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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