

Converting Colors

YUV(114.8520, 7.9610, 13.2848)

Have a look what the booklet for
YUV(114.8520, 7.9610, 13.2848)
contains.

YUV(114.8520, 7.9610, 13.2848)	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(114.8520, 7.9610,
13.2848)**

Conversions

Conversions Part 1

Format	Color
Hex	826883
RGB	130, 104, 131
RGB Percent	51%, 41%, 51%
CMY	0.4902, 0.5922, 0.4863
CMYK	0.01, 0.21, 0.00, 0.49
HSL	298°, 11%, 46%
HSV	298°, 21%, 51%
XYZ	18.2530, 16.2851, 23.6540
YIQ	114.8520, 6.8290, 13.9090

Conversions

Conversions Part 2

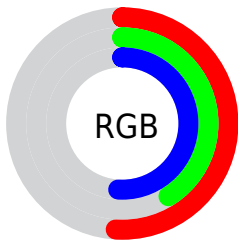
Format	Color
R_{YB}	130, 104, 131
Decimal	8546435
CIE _{Lab}	47.35, 15.43, -11.01
CIE _{LCh}	47, 18.953, 324.479
Yxy	16.2851, 0.3137, 0.2799
Android (android.graphics.Color)	4286736515 (0xFF826883)
YUV	114.8520, 7.9610, 13.2848
Hunter-Lab	40.3549, 10.1166, -6.5045

Details

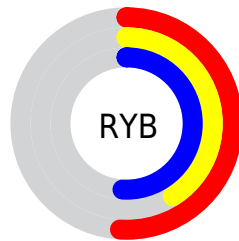
The YUV color **114.8520, 7.9610, 13.2848** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **120.1480, -7.9610, -13.2848**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6780, 8.5397, 14.3144**, and **66.7270, 7.5296, 11.6404** is the 20% darker color. If you saturate the color by 10%, you get **107.2210, 11.7230, 19.9772**, and if you desaturate by 10%, it is **122.4830, 4.1989, 6.5924**.

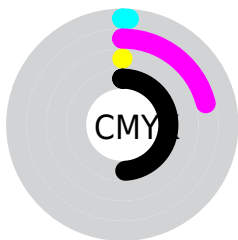
Distribution



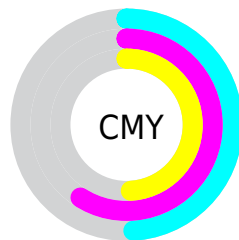
- Red (51%)
- Green (41%)
- Blue (51%)



- Red (51%)
- Yellow (41%)
- Blue (51%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (49%)




- Cyan (49%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.8520, 7.9610, 13.2848 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 114.8520, 7.9610, 13.2848 by changing the saturation by 10% instead.

 114.8520, 7.9610,
13.2848


 114.8520, 7.9610,
13.2848


255.0000, 0.0000,
0.0000


 90.4390, 7.6716,
12.7700


 166.6780, 8.5397,
14.3144


 66.7270, 7.5296,
11.6404


 194.0910, 8.8291,
14.8292

 44.3140, 7.2402,
11.1256

 222.0910, 8.8291,
14.8292

 22.9010, 6.9508,
10.6108

 245.0210, 4.9196,
8.7516

 2.6070, 6.1097,
0.3447

 0.0000, 0.0000,
0.0000

■ 114.8520, 7.9610,
13.2848

■ 114.8520, 7.9610,
13.2848

■ 107.2210, 11.7230,
19.9772

■ 122.4830, 4.1989,
6.5924

■ 99.2910, 15.6325,
26.0548

■ 130.4130, 0.2894,
0.5148

■ 91.6600, 19.3946,
32.7472

■ 138.0440, -3.4727,
-6.1776

■ 83.7300, 23.3041,
38.8248

■ 145.9740, -7.3822,
-12.2552

■ 76.0990, 27.0662,
45.5172

■ 154.1920,
-11.4337, -19.4624

■ 67.5820, 31.2651,
52.1096

■ 162.1220,
-15.3431, -25.5400

■ 59.9510, 35.0272,
58.8020


■ 169.7530,
-19.1052, -32.2324

■ 52.6080, 38.6473,

■ 177.6830,

64.3648

-23.0147, -38.3100

 185.3140,
-26.7768, -45.0024

Harmonies

Analogous

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



113.2460, 13.6827, -1.9697



114.8520, 7.9610, 13.2848



114.9690, 0.5083, 23.7062

Triad

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



114.8520, 7.9610, 13.2848



111.7770, -15.1731, 13.3506



104.7120, 10.0020, -34.8274

Complementary

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



114.8520, 7.9610, 13.2848



120.1480, -7.9610, -13.2848

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.



105.8780, 1.5391, -27.0800



114.8520, 7.9610, 13.2848



109.8570, -13.2405, 0.1254

Square

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



114.8520, 7.9610, 13.2848



113.1140, -12.8742, 22.7020



107.9630, -7.3768, -13.9996



106.5150, 15.5221, -32.0237

Rectangle

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



114.8520, 7.9610, 13.2848



114.6120, -4.7387, 26.6503



107.9630, -7.3768, -13.9996



104.7400, 7.5232, -33.0980

Sweetspot

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



114.8520, 7.9610, 13.2848



164.8310, 3.0413, 4.5332



107.6650, 11.5042, -3.2142



83.1790, 1.8838, 2.4740



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.



114.8520, 7.9610, 13.2848



145.1610, 12.7386, 20.9068



113.7830, 2.5720, 15.0993



62.4780, 1.7363, 3.0888



52.1950, 38.3579, 63.8500



0.9400, 1.0156, 0.9296

Inverse Universe

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



112.1870, -3.5432, 16.4990



141.0850, -5.4649, 26.2355



121.2170, -2.5720, -15.0993



61.7940, -0.8844, 3.6887



39.4400, -16.9789, 79.4211



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 114.8520, 7.9610, 13.2848 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 114.8520, 7.9610, 13.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

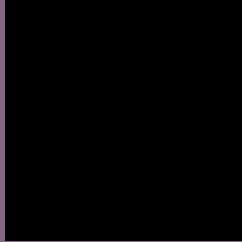
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.8520, 7.9610, 13.2848

Background



This preview shows how black text looks on a background with the YUV color 114.8520, 7.9610, 13.2848.



This preview shows how white text looks on a background with the YUV color 114.8520, 7.9610,

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

114.8520, 7.9610, 13.2848

Protanopia

112.6540, 11.5096, -4.9586

Deuteranopia

113.7750, 7.9989, 1.0743



Tritanopia

114.1910, 0.3988, 12.1105

Trichromacy



Original Color

114.8520, 7.9610, 13.2848

Protanomaly

113.0570, 10.3249, 1.7040

Deuteranomaly

114.0960, 7.8407, 5.1778

Tritanomaly

114.5870, 3.1616, 12.6402

Monochromacy



Original Color

114.8520, 7.9610, 13.2848

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8310, 3.0413, 4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8520, 7.9610, 13.2848 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(130, 104, 131)` looks like.

```
.text, #text, p{  
    color:rgb(130, 104, 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(130, 104, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 104, 131) }
```

Border

The CSS property to change the border of an element to YUV 114.8520, 7.9610, 13.2848 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(130, 104, 131) }
```


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

```
.border{ border-color:rgb(130, 104, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 104, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 104, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 104, 131);  
box-shadow:4px 4px 4px 4px rgb(130, 104,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 114.8520, 7.9610, 13.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 104, 131) }
```

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

```
.background{ background-color: rgb(130,  
104, 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](#).

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