

Converting Colors

YUV(114.1420, 1.4090, 14.7845)

Have a look what the booklet for
YUV(114.1420, 1.4090, 14.7845)
contains.

YUV(114.1420, 1.4090, 14.7845)	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(114.1420, 1.4090,
14.7845)**

Conversions

Conversions Part 1

Format	Color
Hex	836975
RGB	131, 105, 117
RGB Percent	51%, 41%, 46%
CMY	0.4863, 0.5882, 0.5412
CMYK	0.00, 0.20, 0.11, 0.49
HSL	332°, 11%, 46%
HSV	332°, 20%, 51%
XYZ	17.6225, 16.2128, 19.0302
YIQ	114.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

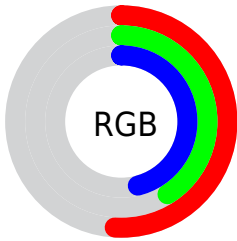
Format	Color
R_{YB}	131, 105, 117
Decimal	8612213
CIE _{Lab}	47.25, 12.47, -2.77
CIE _{LCh}	47, 12.774, 347.497
Yxy	16.2128, 0.3333, 0.3067
Android (android.graphics.Color)	4286802293 (0xFF836975)
YUV	114.1420, 1.4090, 14.7845
Hunter-Lab	40.2651, 7.6588, 0.1638

Details

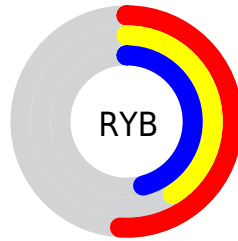
The YUV color **114.1420, 1.4090, 14.7845** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **121.8580, -1.4090, -14.7845**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8540, 1.5510, 15.9140**, and **66.1310, 1.4144, 13.0401** is the 20% darker color. If you saturate the color by 10%, you get **105.7130, 2.1135, 22.1767**, and if you desaturate by 10%, it is **122.5710, 0.7045, 7.3922**.

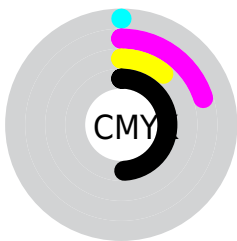
Distribution



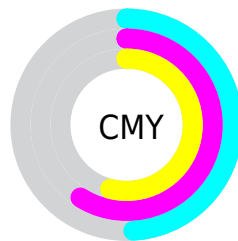
- Red (51%)
- Green (41%)
- Blue (46%)



- Red (51%)
- Yellow (41%)
- Blue (46%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (49%)





- Cyan (49%)
- Magenta (59%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1420, 1.4090, 14.7845 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 114.1420, 1.4090, 14.7845 by changing the saturation by 10% instead.


 114.1420, 1.4090,
14.7845


 114.1420, 1.4090,
14.7845

255.0000, 0.0000,
0.0000

 89.7290, 1.1196,
14.2697

 165.8540, 1.5510,
15.9140


 66.1310, 1.4144,
13.0401


 193.1530, 1.4036,
16.5288


 43.8320, 1.5618,
12.4253

 221.1530, 1.4036,
16.5288

 22.5330, 1.7092,
11.8106

 245.3800, 3.7567,
8.4367

 0.5980, -0.2948,
1.2296

 0.0000, 0.0000,
0.0000

■ 114.1420, 1.4090,
14.7845

■ 114.1420, 1.4090,
14.7845

■ 105.7130, 2.1135,
22.1767

■ 122.5710, 0.7045,
7.3922

■ 97.2840, 2.8180,
29.5689

■ 131.0000, 0.0000,
0.0000

■ 88.8550, 3.5225,
36.9612

■ 139.4290, -0.7045,
-7.3922

■ 80.4260, 4.2270,
44.3534

■ 147.8580, -1.4090,
-14.7845

■ 71.4100, 5.2209,
52.2604

■ 156.8740, -2.4029,
-22.6915

■ 62.9810, 5.9254,
59.6527

■ 165.3030, -3.1074,
-30.0837

■ 54.5520, 6.6299,
67.0449


■ 173.7320, -3.8119,
-37.4760

■ 46.1230, 7.3344,

■ 182.1610, -4.5164,

74.4371

-44.8682

 46.0090, 6.8976,
74.5371

 190.5900, -5.2209,
-52.2604

Harmonies

Analogous

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



113.7650, 6.5249, 7.2221



114.1420, 1.4090, 14.7845



114.0840, -3.9854, 18.3433

Triad

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



114.1420, 1.4090, 14.7845



110.9050, -9.3202, 2.7143



108.5720, 9.0850, -20.6726

Complementary

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



114.1420, 1.4090, 14.7845



121.8580, -1.4090, -14.7845

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.



107.8340, 5.0118, -20.9024



114.1420, 1.4090, 14.7845



109.3490, -6.0881, -7.3221

Square

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



114.1420, 1.4090, 14.7845



112.3190, -10.5103, 11.1212



108.3740, -0.6774, -16.1140



110.4850, 11.0999, -13.5803

Rectangle

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



114.1420, 1.4090, 14.7845



113.5740, -7.1850, 17.9136



108.3740, -0.6774, -16.1140



108.6320, 8.0694, -21.6023

Sweetspot

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



114.1420, 1.4090, 14.7845



164.4460, 0.2731, 5.7479



112.1500, 9.2931, 6.0075



83.0220, -0.0108, 3.4887



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.



114.1420, 1.4090, 14.7845



144.4250, 2.2555, 23.3063



113.3610, -4.1220, 15.4694



62.1360, 0.4260, 3.3887



45.7100, 7.0450, 73.9223



1.0110, -0.0054, 1.7444

Inverse Universe

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



114.1420, 1.4090, 14.7845



144.4250, 2.2555, 23.3063



122.6390, 4.1220, -15.4694



62.1360, 0.4260, 3.3887



45.7100, 7.0450, 73.9223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 114.1420, 1.4090, 14.7845 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 114.1420, 1.4090, 14.7845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

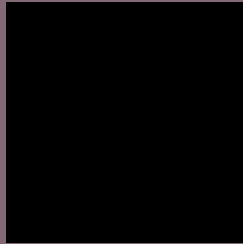
Any Text WCAG AA × Fail

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 114.1420, 1.4090, 14.7845 Background



This preview shows how black text looks on a background with the YUV color 114.1420, 1.4090, 14.7845.



This preview shows how white text looks on a background with the YUV color 114.1420, 1.4090,

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

114.1420, 1.4090, 14.7845

Protanopia

113.0260, 3.9312, -0.8998

Deuteranopia

113.3860, 1.2887, 6.6775



Tritanopia

114.3870, -0.1908, 14.5696

Trichromacy



Original Color

114.1420, 1.4090, 14.7845

Protanomaly

113.2440, 3.3307, 5.0480

Deuteranomaly

113.9950, 0.9885, 9.6514

Tritanomaly

114.5010, 0.2460, 14.4696

Monochromacy



Original Color

114.1420, 1.4090, 14.7845

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1470, 0.4205, 5.1331

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1420, 1.4090, 14.7845 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(131, 105, 117)` looks like.

```
.text, #text, p{  
    color:rgb(131, 105, 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(131, 105, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 105, 117) }
```

Border

The CSS property to change the border of an element to YUV 114.1420, 1.4090, 14.7845 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(131, 105, 117) }
```


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

```
.border{ border-color:rgb(131, 105, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 105, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 105, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 105, 117); box-shadow:4px 4px 4px 4px rgb(131, 105, 117) }
```

Background

The CSS property to change the background color of an element to YUV 114.1420, 1.4090, 14.7845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 105, 117) }
```

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

```
.background{ background-color: rgb(131,  
105, 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](#).

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