

# Converting Colors

YUV(84.1520, -34.0919,  
14.7757)

Have a look what the booklet for  
YUV(84.1520, -34.0919, 14.7757)  
contains.

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# Color

**YUV(84.1520, -34.0919,  
14.7757)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65590F
RGB	101, 89, 15
RGB Percent	40%, 35%, 6%
CMY	0.6039, 0.6510, 0.9412
CMYK	0.00, 0.12, 0.85, 0.60
HSL	52°, 74%, 23%
HSV	52°, 85%, 40%
XYZ	9.0254, 9.9459, 1.8960
YIQ	84.1520, 30.9060, -20.4700

# Conversions

## Conversions Part 2

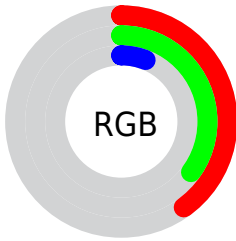
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 101, 15
Decimal	6641935
CIE Lab	37.75, -3.55, 40.83
CIE LCh	38, 40.979, 94.969
Yxy	9.9459, 0.4325, 0.4766
Android (android.graphics.Color)	4284832015 (0xFF65590F)
YUV	84.1520, -34.0919, 14.7757
Hunter-Lab	31.5372, -4.1063, 18.5115

# Details

The YUV color **84.1520, -34.0919, 14.7757** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **31.8480, 34.0919, -14.7757**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3480, -34.6816, 17.2348**, and **41.0770, -20.2510, 8.7025** is the 20% darker color. If you saturate the color by 10%, you get **82.4250, -38.1705, 16.2903**, and if you desaturate by 10%, it is **85.8790, -30.0133, 13.2611**.

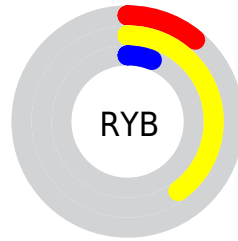
# Distribution



Red (40%)

Green (35%)

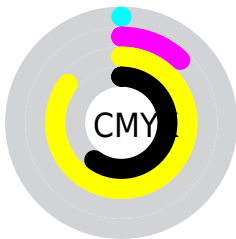
Blue (6%)



Red (11%)

Yellow (40%)

Blue (6%)

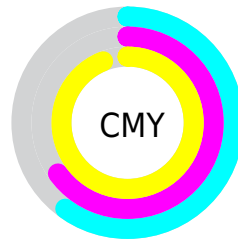


Cyan (0%)

Magenta (12%)

Yellow (85%)

Black (60%)



Cyan (60%)

Magenta (65%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 84.1520, -34.0919, 14.7757 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 84.1520, -34.0919, 14.7757 by changing the saturation by 10% instead.



84.1520, -34.0919,  
14.7757

84.1520, -34.0919,  
14.7757

254.8860, -0.4368,  
0.1000

61.1670, -30.1553,  
12.1315

135.3480,  
-34.6816, 17.2348

41.0770, -20.2510,  
8.7025

161.8320,  
-35.4132, 18.5643

21.8620, -10.7780,  
3.6290

189.0170,  
-35.9974, 19.2791

0.0000, 0.0000,  
0.0000

217.0880,  
-37.0184, 20.0938

241.0870,  
-35.5389, 12.2017

248.2740,

-25.7711, 5.8987

■ 251.5800,  
-13.1039, 2.9993

■ 84.1520, -34.0919,  
14.7757

■ 84.1520, -34.0919,  
14.7757

■ 82.4250, -38.1705,  
16.2903

■ 85.8790, -30.0133,  
13.2611

■ 81.2680, -40.0651,  
17.3050

■ 88.1930, -26.2241,  
11.2317

■ 89.9200, -22.1456,  
9.7172

■ 92.2340, -18.3564,  
7.6878

■ 94.0750, -13.8410,  
6.0732

■ 95.8020, -9.7624,  
4.5586

■ 98.1160, -5.9732,  
2.5293

■ 99.8430, -1.8946,  
1.0147

■ 102.1570, 1.8946,  
-1.0147

# Harmonies

## Analogous

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



86.5490, -29.3577, 36.3525



84.1520, -34.0919, 14.7757



80.9790, -25.1326, -12.2596

# Triad

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



84.1520, -34.0919, 14.7757



75.4120, 24.9399, -66.1363



90.6730, 12.9792, 37.1208

# Complementary

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



84.1520, -34.0919, 14.7757



31.8480, 34.0919, -14.7757

# 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.



91.0910, 25.5911, 5.1822



84.1520, -34.0919, 14.7757



75.6860, 36.1438, -66.3766

# Square

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



84.1520, -34.0919, 14.7757



72.3510, 10.6730, -63.4518



76.7680, 38.5684, -50.6625



87.4010, -1.1837, 53.1453



# Rectangle

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



84.1520, -34.0919, 14.7757



75.0390, -12.8372, -35.9912



76.7680, 38.5684, -50.6625



91.4700, 17.5163, 28.5288

# Sweetspot

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



84.1520, -34.0919, 14.7757



123.1890, -13.4042, 5.9732



42.1960, -6.9986, 51.5711



61.9590, -7.8678, 3.5440



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000



# Same Dimension

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



84.1520, -34.0919, 14.7757



104.6140, -51.5747, 22.2635



82.2260, -33.1424, -9.8452



49.8430, -1.8946, 1.0147



92.4980, -45.6015, 19.7343



194.4540, -95.8658, 41.6978



# Inverse Universe

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



31.8480, 34.0919, -14.7757



25.3860, 51.5747, -22.2635



33.7740, 33.1424, 9.8452



47.1570, 1.8946, -1.0147



22.5020, 45.6015, -19.7343



47.5460, 95.8658, -41.6978



# Previews

## White Background



This preview shows how the YUV color 84.1520, -34.0919, 14.7757 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 ✓ Pass



# Black Background



This preview shows how the YUV color 84.1520, -34.0919, 14.7757 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

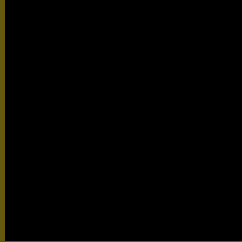
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 84.1520, -34.0919, 14.7757

## Background



This preview shows how black text looks on a background with the YUV color 84.1520, -34.0919, 14.7757.



This preview shows how white text looks on a background with the YUV color 84.1520, -34.0919,



# 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

84.1520, -34.0919, 14.7757

### Protanopia

83.8530, -33.9445, 14.1609

### Deuteranopia

84.8480, -32.9561, 23.8123



## Tritanopia

90.5610, -0.7696, 13.5400

# Trichromacy



## Original Color

84.1520, -34.0919, 14.7757

## Protanomaly

83.8530, -33.9445, 14.1609

## Deuteranomaly

84.7120, -33.3820, 20.4236

## Tritanomaly

88.0590, -12.8471, 13.9803

# Monochromacy



## Original Color

84.1520, -34.0919, 14.7757

## Achromatopsia

84.0000, 0.0000, 0.0000

## Achromatomaly

84.1180, -12.3832, 5.1585

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 84.1520, -34.0919, 14.7757 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(101, 89, 15)` looks like.

```
.text, #text, p{  
    color:rgb(101, 89, 15)  
}
```

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(101, 89, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 89, 15) }
```

## Border

The CSS property to change the border of an element to YUV 84.1520, -34.0919, 14.7757 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(101, 89, 15) }
```



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

```
.border{ border-color:rgb(101, 89, 15) }
```

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

Here you see how a box with a 4 pixel rgb(101, 89, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 89, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 89, 15);  
box-shadow:4px 4px 4px 4px rgb(101, 89,  
15) }
```

# Background

The CSS property to change the background color of an element to YUV 84.1520, -34.0919, 14.7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 89, 15) }
```

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

```
.background{ background-color: rgb(101, 89,  
15) }
```

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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