

# Converting Colors

YUV(103.1520, -34.0919,  
14.7757)

Have a look what the booklet for  
YUV(103.1520, -34.0919, 14.7757)  
contains.

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# Color

**YUV(103.1520, -34.0919,  
14.7757)**

# Conversions

## Conversions Part 1

Format	Color
Hex	786C22
RGB	120, 108, 34
RGB Percent	47%, 42%, 13%
CMY	0.5294, 0.5765, 0.8667
CMYK	0.00, 0.10, 0.72, 0.53
HSL	52°, 56%, 30%
HSV	52°, 72%, 47%
XYZ	13.3970, 14.8337, 3.6705
YIQ	103.1520, 30.9060, -20.4700

# Conversions

## Conversions Part 2

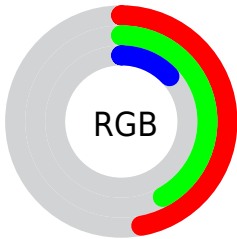
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 120, 34
Decimal	7892002
CIE <sub>Lab</sub>	45.41, -4.47, 41.26
CIE <sub>LCh</sub>	45, 41.505, 96.179
Yxy	14.8337, 0.4200, 0.4650
Android (android.graphics.Color)	4286082082 (0xFF786C22)
YUV	103.1520, -34.0919, 14.7757
Hunter-Lab	38.5145, -5.3104, 21.3098

# Details

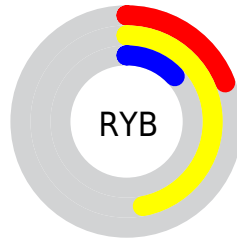
The YUV color **103.1520, -34.0919, 14.7757** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **50.8480, 34.0919, -14.7757**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.1200, -35.5552, 17.4348**, and **56.4380, -27.8239, 11.0169** is the 20% darker color. If you saturate the color by 10%, you get **100.6100, -38.7547, 17.0050**, and if you desaturate by 10%, it is **105.6940, -29.4291, 12.5464**.

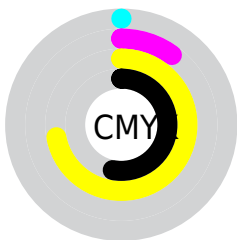
# Distribution



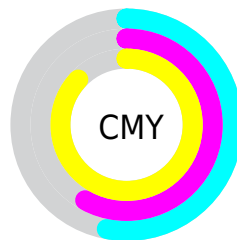
- Red (47%)
- Green (42%)
- Blue (13%)



- Red (19%)
- Yellow (47%)
- Blue (13%)



- Cyan (0%)
- Magenta (10%)
- Yellow (72%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 103.1520, -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 103.1520, -34.0919, 14.7757 by changing the saturation by 10% instead.



■ 103.1520,  
-34.0919, 14.7757

■ 103.1520,  
-34.0919, 14.7757

■ 255.0000, 0.0000,  
0.0000

■ 78.0980, -35.5443,  
13.9461

■ 155.1200,  
-35.5552, 17.4348

■ 56.4380, -27.8239,  
11.0169

■ 182.3050,  
-36.1394, 18.1495

■ 36.0490, -17.7722,  
6.9730

■ 210.3760,  
-37.1604, 18.9642

■ 16.8230, -8.2937,  
0.1552

■ 236.6530,  
-37.2969, 16.0903

■ 0.0000, 0.0000,  
0.0000

■ 247.4760,  
-28.8287, 6.5985

■ 250.6680,

-16.5983, 3.7992

253.9740, -3.9312,  
0.8998

103.1520,  
-34.0919, 14.7757

103.1520,  
-34.0919, 14.7757

100.6100,  
-38.7547, 17.0050

105.6940,  
-29.4291, 12.5464

98.6550, -43.7069,  
18.7196

107.6490,  
-24.4770, 10.8318

96.3410, -47.4961,  
20.7489

110.1910,  
-19.8142, 8.6025

112.7330,  
-15.1514, 6.3732

114.6880,  
-10.1992, 4.6586

■ 117.2300, -5.5364,  
2.4293

■ 119.7720, -0.8736,  
0.2000

■ 121.7270, 4.0786,  
-1.5146

■ 124.2690, 8.7414,  
-3.7439

# Harmonies

## Analogous

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



105.8050, -30.9629, 37.8820



103.1520, -34.0919, 14.7757



99.3810, -24.8378, -13.4891

# Triad

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



103.1520, -34.0919, 14.7757



88.9590, 28.6142, -78.0170



109.9830, 12.8264, 39.4799

# Complementary

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



103.1520, -34.0919, 14.7757



50.8480, 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.



110.0420, 26.6013, 7.8562



103.1520, -34.0919, 14.7757



88.6460, 40.1075, -77.7425

# Square

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



103.1520, -34.0919, 14.7757



86.3710, 13.6211, -75.7474



99.8940, 37.5203, -41.1260



107.3690, -2.6469, 55.8044



# Rectangle

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



103.1520, -34.0919, 14.7757



94.2130, -13.4160, -37.0208



99.8940, 37.5203, -41.1260



110.8940, 17.8003, 30.7880

# Sweetspot

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



103.1520, -34.0919, 14.7757



149.0750, -13.8410, 6.0732



61.1960, -6.9986, 51.5711



74.8450, -8.3046, 3.6439



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.



103.1520, -34.0919, 14.7757



129.5710, -53.0325, 23.1782



101.2260, -33.1424, -9.8452



59.7290, -2.3314, 1.1147



100.7710, -49.6801, 21.2488



202.7270, -99.9444, 43.2124



# Inverse Universe

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



50.8480, 34.0919, -14.7757



47.8420, 53.3219, -22.6634



52.7740, 33.1424, 9.8452



56.2710, 2.3314, -1.1147



24.2290, 49.6801, -21.2488

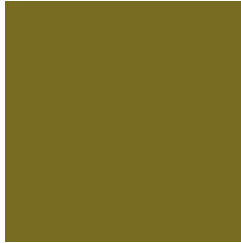


49.2730, 99.9444, -43.2124



# Previews

## White Background



This preview shows how the YUV color 103.1520, -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 × Fail



# Black Background



This preview shows how the YUV color 103.1520, -34.0919, 14.7757 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 103.1520, -34.0919, 14.7757

## Background



This preview shows how black text looks on a background with the YUV color 103.1520, -34.0919, 14.7757.



This preview shows how white text looks on a background with the YUV color 103.1520, -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

103.1520, -34.0919, 14.7757

### Protanopia

103.4510, -34.2393, 15.3905

### Deuteranopia

104.3430, -33.6931, 26.8862



## Tritanopia

109.3870, -0.1908, 14.5696

# Trichromacy



## Original Color

103.1520, -34.0919, 14.7757

## Protanomaly

103.4510, -34.2393, 15.3905

## Deuteranomaly

103.9080, -33.9716, 22.8827

## Tritanomaly

107.4720, -12.5577, 14.4951

# Monochromacy



## Original Color

103.1520, -34.0919, 14.7757

## Achromatopsia

103.0000, 0.0000, 0.0000

## Achromatomaly

103.1180, -12.3832, 5.1585

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 103.1520, -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(120, 108, 34)` looks like.

```
.text, #text, p{  
    color:rgb(120, 108, 34)  
}
```

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(120, 108, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 108, 34) }
```

## Border

The CSS property to change the border of an element to YUV 103.1520, -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(120, 108, 34) }
```



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

```
.border{ border-color:rgb(120, 108, 34) }
```

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

Here you see how a box with a 4 pixel rgb(120, 108, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 108, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 108, 34);  
box-shadow:4px 4px 4px 4px rgb(120, 108,  
34) }
```

# Background

The CSS property to change the background color of an element to YUV 103.1520, -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(120, 108, 34) }
```

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

```
.background{ background-color: rgb(120,  
108, 34) }
```

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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