

# Converting Colors

YUV(40.3120, -9.5208, 67.2554)

Have a look what the booklet for  
YUV(40.3120, -9.5208, 67.2554)  
contains.

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# Color

**YUV(40.3120, -9.5208,  
67.2554)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	750515
RGB	117, 5, 21
RGB Percent	46%, 2%, 8%
CMY	0.5412, 0.9804, 0.9176
CMYK	0.00, 0.96, 0.82, 0.54
HSL	351°, 92%, 24%
HSV	351°, 96%, 46%
XYZ	7.5257, 3.9446, 1.0742
YIQ	40.3120, 61.6160, 28.7200

# Conversions

## Conversions Part 2

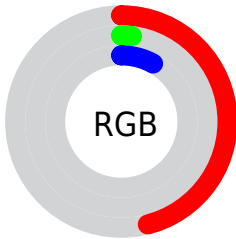
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 5, 21
Decimal	7669013
CIELab	23.49, 44.50, 25.19
CIELCh	23, 51.133, 29.510
Yxy	3.9446, 0.5999, 0.3144
Android (android.graphics.Color)	4285859093 (0xFF750515)
YUV	40.3120, -9.5208, 67.2554
Hunter-Lab	19.8610, 32.8806, 10.6960

# Details

The YUV color **40.3120, -9.5208, 67.2554** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **81.6880, 9.5208, -67.2554**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.6620, -17.0884, 67.8254**, and **18.2390, -8.9918, 37.5014** is the 20% darker color. If you saturate the color by 10%, you get **36.9210, -9.8211, 70.2293**, and if you desaturate by 10%, it is **48.4960, -8.6255, 60.0780**.

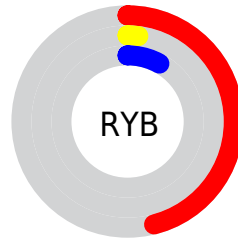
# Distribution



Red (46%)

Green (2%)

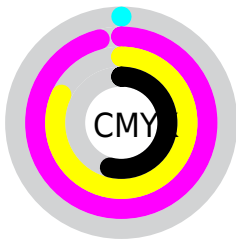
Blue (8%)



Red (46%)

Yellow (2%)

Blue (8%)

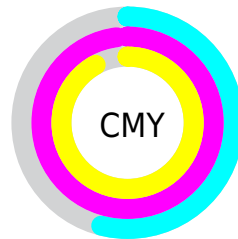


Cyan (0%)

Magenta (96%)

Yellow (82%)

Black (54%)



Cyan (54%)

Magenta (98%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 40.3120, -9.5208, 67.2554 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 40.3120, -9.5208, 67.2554 by changing the saturation by 10% instead.



40.3120, -9.5208,  
67.2554

40.3120, -9.5208,  
67.2554

254.0880, -3.4944,  
0.7998

26.6110, -13.1192,  
54.7152

98.6620, -17.0884,  
67.8254

18.2390, -8.9918,  
37.5014

125.5160,  
-18.9884, 70.5845

9.0840, -3.9854,  
18.3433

153.0710,  
-20.7410, 72.7287

0.0000, 0.0000,  
0.0000

177.5650,  
-19.9985, 67.9105

196.3780,  
-16.4554, 51.4115

215.8920,

-12.7648, 34.2977

236.1070, -8.9268,  
16.5692

40.3120, -9.5208,  
67.2554

40.3120, -9.5208,  
67.2554

36.9210, -9.8211,  
70.2293

48.4960, -8.6255,  
60.0780

56.0930, -7.4408,  
53.4154

64.2770, -6.5456,  
46.2381

72.4610, -5.6503,  
39.0607

80.6450, -4.7550,  
31.8833

■ 88.2420, -3.5703,  
25.2208

■ 96.4260, -2.6750,  
18.0434

■ 104.6100, -1.7797,  
10.8660

■ 112.2070, -0.5951,  
4.2035

# Harmonies

## Analogous

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



42.1930, 7.7929, 67.3597



40.3120, -9.5208, 67.2554



51.3200, -25.3008, 41.8154

# Triad

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



40.3120, -9.5208, 67.2554



41.8710, -14.7264, -36.7209



51.6700, 40.5887, -45.3146

# Complementary

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



40.3120, -9.5208, 67.2554



81.6880, 9.5208, -67.2554

# 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.



54.4110, 33.3214, -47.7184



40.3120, -9.5208, 67.2554



47.8330, 3.0403, -41.9495

# Square

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



40.3120, -9.5208, 67.2554



47.1360, -23.2380, -13.2743



52.8660, 19.7861, -46.3635



54.5930, 34.2177, -8.4131



# Rectangle

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



40.3120, -9.5208, 67.2554



53.5690, -26.4095, 24.0570



52.8660, 19.7861, -46.3635



53.2030, 38.8469, -46.6590

# Sweetspot

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



40.3120, -9.5208, 67.2554



122.8400, -3.8651, 26.4503



46.1730, 34.9177, 47.2063



58.5290, -2.2328, 16.1991



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



40.3120, -9.5208, 67.2554



48.2550, -12.9437, 91.8614



61.3810, -27.7958, 48.7779



54.9080, -0.4476, 3.5887



38.4160, -10.5581, 73.3032



78.8540, -21.1270, 150.0950



# Inverse Universe

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



40.3120, -9.5208, 67.2554



48.2550, -12.9437, 91.8614



60.6190, 27.7958, -48.7779



54.9080, -0.4476, 3.5887



38.4160, -10.5581, 73.3032

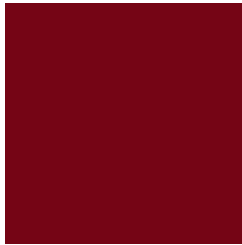


78.8540, -21.1270, 150.0950



# Previews

## White Background



This preview shows how the YUV color 40.3120, -9.5208, 67.2554 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

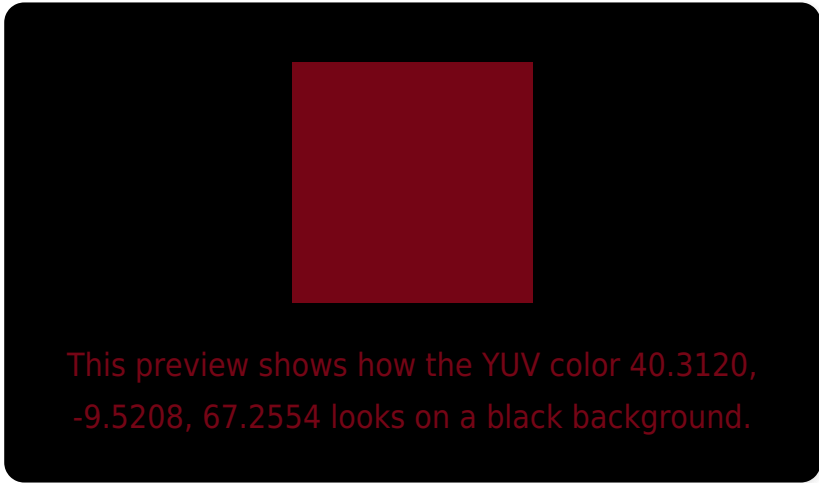
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

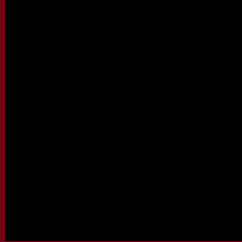
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 40.3120, -9.5208, 67.2554

## Background



This preview shows how black text looks on a background with the YUV color 40.3120, -9.5208, 67.2554.



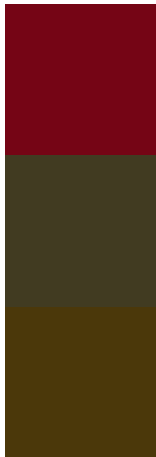
This preview shows how white text looks on a background with the YUV color 40.3120, -9.5208,



# 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

40.3120, -9.5208, 67.2554

### Protanopia

57.8300, -12.2412, 6.2881

### Deuteranopia

56.4370, -22.8934, 16.2798



## Tritanopia

40.8530, -20.1405, 66.7809

# Trichromacy



## Original Color

40.3120, -9.5208, 67.2554

## Protanomaly

51.3150, -11.0013, 28.6647

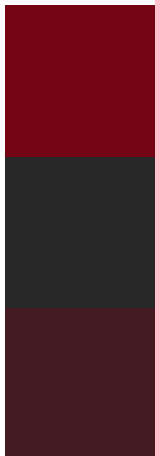
## Deuteranomaly

50.2250, -17.8589, 34.8827

## Tritanomaly

40.5910, -16.0674, 67.0107

# Monochromacy



## Original Color

40.3120, -9.5208, 67.2554

## Achromatopsia

40.0000, 0.0000, 0.0000

## Achromatomaly

39.9430, -3.4229, 24.6060

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 40.3120, -9.5208, 67.2554 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(117, 5, 21)` looks like.

```
.text, #text, p{  
    color:rgb(117, 5, 21)  
}
```

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(117, 5, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 5, 21) }
```

## Border

The CSS property to change the border of an element to YUV 40.3120, -9.5208, 67.2554 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(117, 5, 21) }
```



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

```
.border{ border-color:rgb(117, 5, 21) }
```

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

Here you see how a box with a 4 pixel rgb(117, 5, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 5, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 5, 21);  
box-shadow:4px 4px 4px 4px rgb(117, 5, 21)  
}
```

# Background

The CSS property to change the background color of an element to YUV 40.3120, -9.5208, 67.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 5, 21) }
```

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

```
.background{ background-color: rgb(117, 5,  
21) }
```

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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