

# Converting Colors

YUV(151.2480, 47.2057,  
-67.7465)

Have a look what the booklet for  
YUV(151.2480, 47.2057, -67.7465)  
contains.

<b>YUV(151.2480, 47.2057, -67.7465)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(151.2480, 47.2057,  
-67.7465)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4AACF7
RGB	74, 172, 247
RGB Percent	29%, 67%, 97%
CMY	0.7098, 0.3255, 0.0314
CMYK	0.70, 0.30, 0.00, 0.03
HSL	206°, 92%, 63%
HSV	206°, 70%, 97%
XYZ	34.3651, 37.6763, 93.4567
YIQ	151.2480, -82.4830, 2.5490

# Conversions

## Conversions Part 2

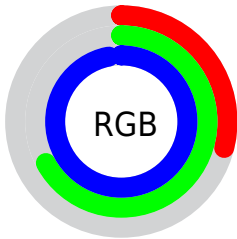
Format	Color
R <sub>Y</sub> B	74, 137, 247
Decimal	4893943
CIE Lab	67.78, -4.92, -45.62
CIE LCh	68, 45.884, 263.839
Yxy	37.6763, 0.2076, 0.2277
Android (android.graphics.Color)	4283084023 (0xFF4AACF7)
YUV	151.2480, 47.2057, -67.7465
Hunter-Lab	61.3810, -7.4809, -47.3063

# Details

The YUV color **151.2480, 47.2057, -67.7465** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **169.7520, -47.2057, 67.7465**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4780, 24.9073, -55.6702**, and **92.1000, 48.2647, -80.7717** is the 20% darker color. If you saturate the color by 10%, you get **137.3160, 54.0742, -77.4531**, and if you desaturate by 10%, it is **165.1800, 40.3373, -58.0399**.

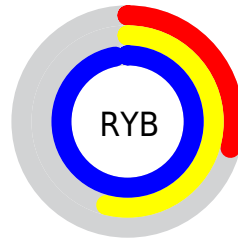
# Distribution



Red (29%)

Green (67%)

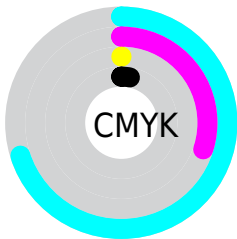
Blue (97%)



Red (29%)

Yellow (54%)

Blue (97%)

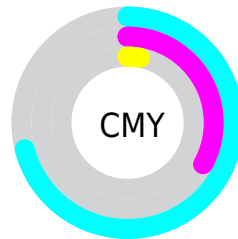


Cyan (70%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (71%)

Magenta (33%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 151.2480, 47.2057, -67.7465 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 151.2480, 47.2057, -67.7465 by changing the saturation by 10% instead.



■ 151.2480, 47.2057,  
-67.7465

■ 151.2480, 47.2057,  
-67.7465

255.0000, 0.0000,  
0.0000

■ 118.3280, 49.1383,  
-80.9717

■ 204.4780, 24.9073,  
-55.6702

■ 92.1000, 48.2647,  
-80.7717

■ 230.1830, 12.2348,  
-51.0265

■ 74.9340, 43.4165,  
-65.7171

■ 239.1530, 7.8126,  
-32.5832

■ 57.7680, 38.5684,  
-50.6625

■ 248.4220, 3.2430,  
-13.5251

■ 41.8900, 33.5782,  
-36.7375

■ 27.4140, 28.8829,  
-24.0421

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,  
-5.4435

■ 2.5250, 7.1362,  
-2.2144

■ 151.2480, 47.2057,  
-67.7465

■ 151.2480, 47.2057,  
-67.7465

■ 137.3160, 54.0742,  
-77.4531

■ 165.1800, 40.3373,  
-58.0399

■ 124.2700, 60.5059,  
-87.0598

■ 178.2260, 33.9056,  
-48.4332

■ 110.3380, 67.3744,  
-96.7664

■ 192.1580, 27.0371,  
-38.7266

■ 206.0900, 20.1686,  
-29.0199

■ 219.7230, 13.4476,  
-19.9281

■ 233.0680, 6.8685,  
-9.7066

■ 247.0000, 0.0000,  
0.0000

■ 254.0880, -3.4944,  
0.7998

# Harmonies

## Analogous

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



133.1680, 48.2312, -116.7883



151.2480, 47.2057, -67.7465



166.5650, 36.6965, -10.1425

# Triad

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



151.2480, 47.2057, -67.7465



166.0040, -15.7780, 67.5255



152.2360, -18.3573, -38.7950

# Complementary

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



151.2480, 47.2057, -67.7465



169.7520, -47.2057, 67.7465

# 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.



158.4120, -35.2061, -1.2383



151.2480, 47.2057, -67.7465



164.6870, -31.8907, 55.5255

# Square

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



151.2480, 47.2057, -67.7465



168.5960, 3.1572, 60.8673



162.3560, -40.1085, 31.2598



134.6260, 10.0444, -95.2650



# Rectangle

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



151.2480, 47.2057, -67.7465



169.6460, 27.2895, 20.4815



162.3560, -40.1085, 31.2598



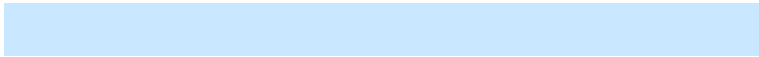
154.4890, -25.3841, -24.9849

# Sweetspot

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



151.2480, 47.2057, -67.7465



225.3530, 14.6160, -21.3576



184.1010, -17.3048, -96.5586



110.2140, 8.7685, -12.4657



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

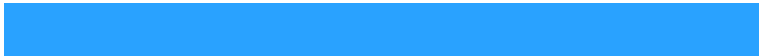


# Same Dimension

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



151.2480, 47.2057, -67.7465



136.4230, 58.4585, -83.6860



100.7660, 72.0934, -23.4738



115.4770, 3.2158, -4.8033



82.8390, 50.8584, -72.6498



26.0970, 16.2212, -22.8871



# Inverse Universe

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



136.8990, 17.3048, 96.5586



118.7800, 21.3075, 119.4649



220.2340, -72.0934, 23.4738



114.3860, 1.2887, 6.6775



67.5840, 18.4461, 103.8508



21.4030, 5.7173, 32.9726



# Previews

## White Background



This preview shows how the YUV color 151.2480, 47.2057, -67.7465 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

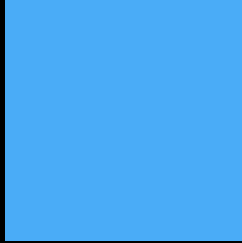
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 151.2480, 47.2057, -67.7465 looks on a black 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

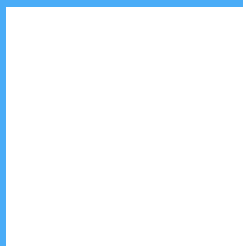
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 151.2480, 47.2057, -67.7465

## Background



This preview shows how black text looks on a background with the YUV color 151.2480, 47.2057, -67.7465.



This preview shows how white text looks on a background with the YUV color 151.2480, 47.2057, -67.7465.



# 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

151.2480, 47.2057, -67.7465

### Protanopia

163.2000, 36.8764, -21.2234

### Deuteranopia

160.8440, 43.4609, -33.1892



## Tritanopia

139.4580, 28.3682, -92.4867

# Trichromacy



## Original Color

151.2480, 47.2057, -67.7465

## Protanomaly

158.7140, 40.5670, -38.3372

## Deuteranomaly

157.1090, 44.8093, -45.6996

## Tritanomaly

143.6470, 35.1770, -83.0054

# Monochromacy



## Original Color

151.2480, 47.2057, -67.7465

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

151.3140, 17.1002, -24.8314

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 151.2480, 47.2057, -67.7465 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(74, 172, 247)` looks like.

```
.text, #text, p{  
    color:rgb(74, 172, 247)  
}
```

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(74, 172, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 172, 247) }
```

## Border

The CSS property to change the border of an element to YUV 151.2480, 47.2057, -67.7465 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(74, 172, 247) }
```



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

```
.border{ border-color:rgb(74, 172, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 172, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 172, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 172, 247);  
box-shadow:4px 4px 4px 4px rgb(74, 172,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 151.2480, 47.2057, -67.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 172, 247) }
```

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

```
.background{ background-color: rgb(74, 172,  
247) }
```

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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