

# Converting Colors

YUV(152.8370, 37.0554,  
-78.7870)

Have a look what the booklet for  
YUV(152.8370, 37.0554, -78.7870)  
contains.

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# Color

**YUV(152.8370, 37.0554,  
-78.7870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FB8E4
RGB	63, 184, 228
RGB Percent	25%, 72%, 89%
CMY	0.7529, 0.2784, 0.1059
CMYK	0.72, 0.19, 0.00, 0.11
HSL	196°, 75%, 57%
HSV	196°, 72%, 89%
XYZ	33.1940, 40.9392, 79.5513
YIQ	152.8370, -86.2400, -11.9680

# Conversions

## Conversions Part 2

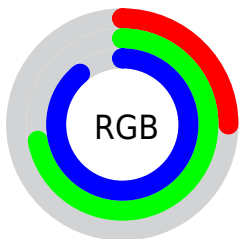
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	63, 133, 228
Decimal	4176100
CIE Lab	70.13, -19.16, -31.63
CIE LCh	70, 36.976, 238.798
Yxy	40.9392, 0.2160, 0.2664
Android (android.graphics.Color)	4282366180 (0xFF3FB8E4)
YUV	152.8370, 37.0554, -78.7870
Hunter-Lab	63.9837, -19.3679, -28.9270

# Details

The YUV color **152.8370, 37.0554, -78.7870** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **138.1630, -37.0554, 78.7870**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1190, 22.6193, -68.5104**, and **96.5050, 37.2190, -84.6349** is the 20% darker color. If you saturate the color by 10%, you get **142.4380, 42.1821, -89.8381**, and if you desaturate by 10%, it is **163.2360, 31.9287, -67.7360**.

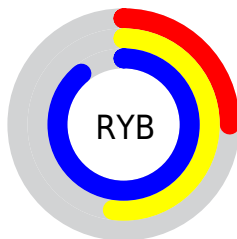
# Distribution



Red (25%)

Green (72%)

Blue (89%)



Red (25%)

Yellow (52%)

Blue (89%)

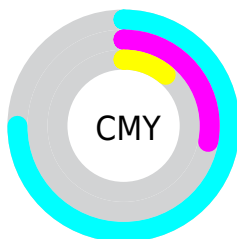


Cyan (72%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (75%)

Magenta (28%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.8370, 37.0554, -78.7870 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 152.8370, 37.0554, -78.7870 by changing the saturation by 10% instead.



152.8370, 37.0554,  
-78.7870

152.8370, 37.0554,  
-78.7870

255.0000, 0.0000,  
0.0000

114.9590, 41.9252,  
-100.8190

209.1190, 22.6193,  
-68.5104

96.5050, 37.2190,  
-84.6349

227.1930, 13.7089,  
-57.1743

78.8660, 33.0971,  
-69.1655

236.4620, 9.1392,  
-38.1162

61.2270, 28.9751,  
-53.6961

245.4320, 4.7170,  
-19.6729

44.8760, 24.7111,  
-39.3563

254.7010, 0.1474,  
-0.6148

29.8130, 20.3052,  
-26.1460

8.5210, 19.9561,

-7.4729

■ 3.6650, 11.5042,  
-3.2142

■ 0.0000, 0.0000,  
0.0000

■ 152.8370, 37.0554,  
-78.7870

■ 152.8370, 37.0554,  
-78.7870

■ 142.4380, 42.1821,  
-89.8381

■ 163.2360, 31.9287,  
-67.7360

■ 132.0390, 47.3088,  
-100.8892

■ 173.6350, 26.8019,  
-56.6849

■ 124.0210, 51.2616,  
-108.7664

■ 183.7350, 21.8226,  
-46.2486

■ 194.1340, 16.6959,  
-35.1975

■ 204.5330, 11.5692,  
-24.1464

■ 214.9320, 6.4425,  
-13.0954

■ 225.9180, 1.0264,  
-2.5591

■ 236.0180, -3.9529,  
7.8772

■ 242.5300, -7.1633,  
10.9362

# Harmonies

## Analogous

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



144.8490, 28.6684, -95.4606



152.8370, 37.0554, -78.7870



166.0360, 35.4783, -39.4966

# Triad

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



152.8370, 37.0554, -78.7870



175.5040, -0.7415, 51.3010



165.5670, -26.9015, -4.8823

# Complementary

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



152.8370, 37.0554, -78.7870



138.1630, -37.0554, 78.7870

# 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.



169.3640, -32.2245, 22.4828



152.8370, 37.0554, -78.7870



173.5140, -16.0294, 54.8002

# Square

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



152.8370, 37.0554, -78.7870



176.5090, 15.0321, 32.0026



171.6470, -27.9270, 44.1596



160.5660, -12.1110, -35.5764



# Rectangle

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



152.8370, 37.0554, -78.7870



171.7620, 31.1763, -12.9463



171.6470, -27.9270, 44.1596



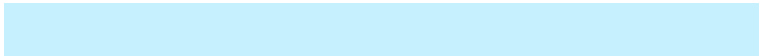
166.9380, -29.5494, 4.4394

# Sweetspot

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



152.8370, 37.0554, -78.7870



229.4510, 12.5957, -26.7055



164.8710, -28.5304, -89.3409



112.5510, 7.6164, -16.2692



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.



152.8370, 37.0554, -78.7870



153.9890, 49.7984, -106.1074



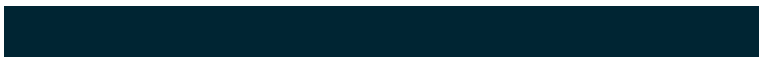
104.7030, 60.7854, -36.5735



109.6510, 2.6371, -5.8329



97.3030, 40.2766, -85.3347



27.5330, 11.5692, -24.1464



# Inverse Universe

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



126.1290, 28.5304, 89.3409



117.9600, 38.4737, 120.1841



186.8840, -61.0748, 36.0587



107.6140, 2.1623, 6.4775



68.4550, 30.8347, 96.9480

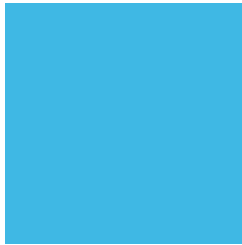


19.4670, 8.6438, 27.6544



# Previews

## White Background



This preview shows how the YUV color 152.8370, 37.0554, -78.7870 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

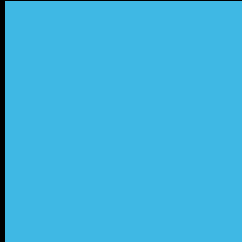
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.8370, 37.0554, -78.7870 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

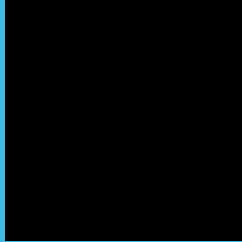
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 152.8370, 37.0554, -78.7870

## Background



This preview shows how black text looks on a background with the YUV color 152.8370, 37.0554, -78.7870.



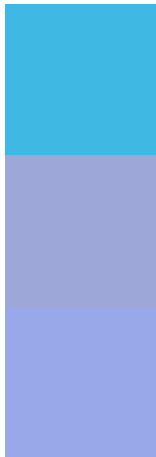
This preview shows how white text looks on a background with the YUV color 152.8370, 37.0554, -78.7870.

-78.7870.

# 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

152.8370, 37.0554, -78.7870

### Protanopia

170.4820, 22.4404, -10.9467

### Deuteranopia

170.5120, 30.3136, -16.2350



## Tritanopia

146.7680, 28.2154, -90.1275

# Trichromacy



## Original Color

152.8370, 37.0554, -78.7870

## Protanomaly

163.9950, 27.6105, -35.9526

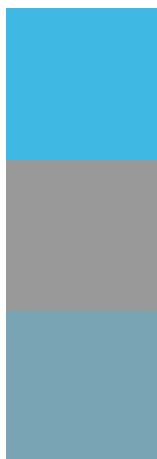
## Deuteranomaly

164.3520, 32.8575, -38.8967

## Tritanomaly

149.3000, 31.4041, -86.2091

# Monochromacy



## Original Color

152.8370, 37.0554, -78.7870

## Achromatopsia

153.0000, 0.0000, 0.0000

## Achromatomaly

152.6680, 13.4747, -28.6498

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.8370, 37.0554, -78.7870 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(63, 184, 228)` looks like.

```
.text, #text, p{  
    color:rgb(63, 184, 228)  
}
```

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(63, 184, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 184, 228) }
```

## Border

The CSS property to change the border of an element to YUV 152.8370, 37.0554, -78.7870 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(63, 184, 228) }
```



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

```
.border{ border-color:rgb(63, 184, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 184, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 184, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 184, 228);  
box-shadow:4px 4px 4px 4px rgb(63, 184,  
228) }
```

# Background

The CSS property to change the background color of an element to YUV 152.8370, 37.0554, -78.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 184, 228) }
```

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

```
.background{ background-color: rgb(63, 184,  
228) }
```

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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