

# Converting Colors

YUV(195.7250, -32.8954,  
51.1072)

Have a look what the booklet for  
YUV(195.7250, -32.8954, 51.1072)  
contains.

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# Color

**YUV(195.7250, -32.8954,  
51.1072)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEB381
RGB	254, 179, 129
RGB Percent	100%, 70%, 51%
CMY	0.0039, 0.2980, 0.4941
CMYK	0.00, 0.30, 0.49, 0.00
HSL	24°, 98%, 75%
HSV	24°, 49%, 100%
XYZ	60.9556, 54.8960, 28.1522
YIQ	195.7250, 60.7500, 0.3500

# Conversions

## Conversions Part 2

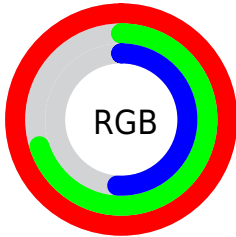
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 212, 129
Decimal	16692097
CIE <sub>Lab</sub>	78.98, 21.78, 36.35
CIE <sub>LCh</sub>	79, 42.374, 59.069
Yxy	54.8960, 0.4233, 0.3812
Android (android.graphics.Color)	4294882177 (0xFFFE <sub>B381</sub> )
YUV	195.7250, -32.8954, 51.1072
Hunter-Lab	74.0918, 17.1918, 29.3363

# Details

The YUV color  $195.7250, -32.8954, 51.1072$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $187.2750, 32.8954, -51.1072$ , and the grayscale version is  $196.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $234.9380, -26.0984, 17.5944$ , and  $140.9740, -30.5532, 46.5038$  is the 20% darker color. If you saturate the color by 10%, you get  $184.0700, -39.4745, 61.3286$ , and if you desaturate by 10%, it is  $207.3800, -26.3163, 40.8857$ .

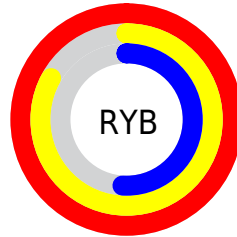
# Distribution



Red (100%)

Green (70%)

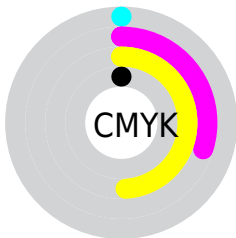
Blue (51%)



Red (100%)

Yellow (83%)

Blue (51%)

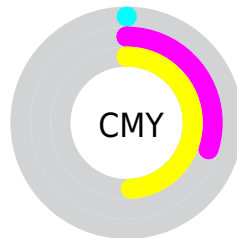


Cyan (0%)

Magenta (30%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 195.7250, -32.8954, 51.1072 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 195.7250, -32.8954, 51.1072 by changing the saturation by 10% instead.



195.7250,  
-32.8954, 51.1072

195.7250,  
-32.8954, 51.1072

255.0000, 0.0000,  
0.0000

167.9420,  
-32.0164, 49.1629

234.9380,  
-26.0984, 17.5944

140.9740,  
-30.5532, 46.5038

249.8700,  
-19.6559, 4.4990

114.8920,  
-29.5268, 43.9447

253.1760, -6.9888,  
1.5996

89.2230, -28.2109,  
41.9004

64.6140, -27.9107,  
38.9265

42.7150, -21.0585,  
34.4529

21.7280, -10.7119,

29.1795

■ 9.3830, -4.1328,  
18.9581

■ 0.0000, 0.0000,  
0.0000

■ 195.7250,  
-32.8954, 51.1072

■ 195.7250,  
-32.8954, 51.1072

■ 184.0700,  
-39.4745, 61.3286

■ 207.3800,  
-26.3163, 40.8857

■ 172.3010,  
-46.4904, 71.6500

■ 219.1490,  
-19.3005, 30.5643

■ 160.0590,  
-52.7801, 82.3863

■ 231.3910,  
-13.0108, 19.8281

■ 148.2900,  
-59.7960, 92.7077

■ 243.1600, -5.9949,  
9.5067

■ 136.6350,  
-66.3751, 102.9291

254.7010, 0.1474,  
-0.6148

■ 135.8200,  
-66.9593, 103.6439

# Harmonies

## Analogous

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



192.9870, -16.7556, 54.3854



195.7250, -32.8954, 51.1072



192.8930, -37.9082, 25.5268

# Triad

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



195.7250, -32.8954, 51.1072



172.7140, 10.0010, -81.3102



197.4540, 28.3702, 0.4788

# Complementary

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



195.7250, -32.8954, 51.1072



187.2750, 32.8954, -51.1072

# 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.



186.8350, 33.6053, -45.4593



195.7250, -32.8954, 51.1072



156.6430, 37.6440, -127.7289

# Square

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



195.7250, -32.8954, 51.1072



182.9520, -14.2733, -42.0539



170.8780, 41.4721, -95.4860



200.9380, 17.7786, 37.7654



# Rectangle

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



195.7250, -32.8954, 51.1072



190.2710, -34.6436, 5.0243



170.8780, 41.4721, -95.4860



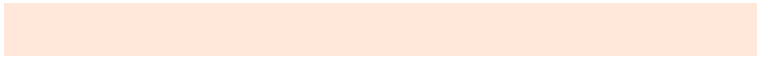
194.7080, 29.7240, -13.7759

# Sweetspot

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



195.7250, -32.8954, 51.1072



237.1670, -9.9423, 15.6395



174.9250, 14.3340, 69.3488



117.1600, -5.9949, 9.5067



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.



195.7250, -32.8954, 51.1072



185.0700, -39.4745, 61.3286



230.9450, -50.2589, 20.2192



121.8220, -3.3632, 5.4181



101.7210, -50.1485, 78.2977

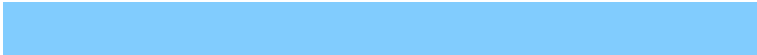


33.8110, -16.6688, 26.4758



# Inverse Universe

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



187.2750, 32.8954, -51.1072



174.9300, 39.4745, -61.3286



150.2940, 51.1271, -18.6748



120.5910, 3.6526, -4.9033



89.2790, 50.1485, -78.2977



29.6020, 16.9582, -25.9610



# Previews

## White Background



This preview shows how the YUV color 195.7250, -32.8954, 51.1072 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

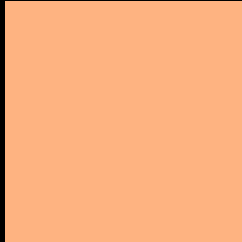
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 195.7250, -32.8954, 51.1072 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 195.7250, -32.8954, 51.1072

## Background



This preview shows how black text looks on a background with the YUV color 195.7250, -32.8954, 51.1072.



This preview shows how white text looks on a background with the YUV color 195.7250, -32.8954, 51.1072.



# 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

195.7250, -32.8954, 51.1072

### Protanopia

193.9440, -28.5664, 15.8351

### Deuteranopia

194.8110, -33.4308, 36.1228



## Tritanopia

199.5870, -6.6984, 48.5972

# Trichromacy



## Original Color

195.7250, -32.8954, 51.1072

## Protanomaly

194.5650, -30.3515, 28.4455

## Deuteranomaly

195.2570, -33.1577, 41.8706

## Tritanomaly

198.3670, -16.4499, 49.6671

# Monochromacy



## Original Color

195.7250, -32.8954, 51.1072

## Achromatopsia

196.0000, 0.0000, 0.0000

## Achromatomaly

196.0210, -11.8424, 18.3986

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 195.7250, -32.8954, 51.1072 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(254, 179, 129)` looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 129)  
}
```

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(254, 179, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 129) }
```

## Border

The CSS property to change the border of an element to YUV 195.7250, -32.8954, 51.1072 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(254, 179, 129) }
```



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

```
.border{ border-color:rgb(254, 179, 129) }
```

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

Here you see how a box with a 4 pixel rgb(254, 179, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 129);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
129) }
```

# Background

The CSS property to change the background color of an element to YUV 195.7250, -32.8954, 51.1072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 179, 129) }
```

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

```
.background{ background-color: rgb(254,  
179, 129) }
```

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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