

# Converting Colors

YUV(193.4530, -53.9603,  
40.8217)

Have a look what the booklet for  
YUV(193.4530, -53.9603, 40.8217)  
contains.

<b>YUV(193.4530, -53.9603, 40.8217)</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(193.4530, -53.9603,  
40.8217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0BF54
RGB	240, 191, 84
RGB Percent	94%, 75%, 33%
CMY	0.0588, 0.2510, 0.6706
CMYK	0.00, 0.20, 0.65, 0.06
HSL	41°, 84%, 64%
HSV	41°, 65%, 94%
XYZ	56.1662, 56.4270, 16.3187
YIQ	193.4530, 63.5510, -22.8890

# Conversions

## Conversions Part 2

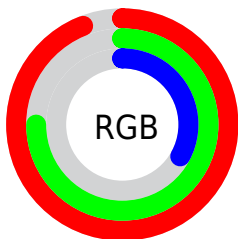
Format	Color
R <sub>Y</sub> B	155, 240, 84
Decimal	15777620
CIE Lab	79.86, 6.41, 59.03
CIE LCh	80, 59.380, 83.805
Yxy	56.4270, 0.4357, 0.4377
Android (android.graphics.Color)	4293967700 (0xFFFF0BF54)
YUV	193.4530, -53.9603, 40.8217
Hunter-Lab	75.1179, 2.0095, 39.7023

# Details

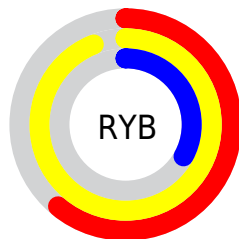
The YUV color **193.4530, -53.9603, 40.8217** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **130.5470, 53.9603, -40.8217**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9660, -48.7902, 15.8158**, and **138.0180, -54.2389, 36.8182** is the 20% darker color. If you saturate the color by 10%, you get **186.0210, -62.1284, 47.3396**, and if you desaturate by 10%, it is **200.8850, -45.7923, 34.3039**.

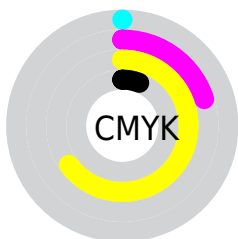
# Distribution



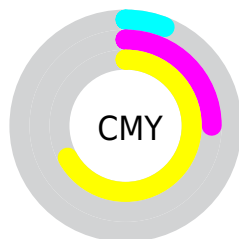
- Red (94%)
- Green (75%)
- Blue (33%)



- Red (61%)
- Yellow (94%)
- Blue (33%)



- Cyan (0%)
- Magenta (20%)
- Yellow (65%)
- Black (6%)



- Cyan (6%)
- Magenta (25%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 193.4530, -53.9603, 40.8217 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 193.4530, -53.9603, 40.8217 by changing the saturation by 10% instead.



193.4530,  
-53.9603, 40.8217

193.4530,  
-53.9603, 40.8217

255.0000, 0.0000,  
0.0000

165.5560,  
-53.5181, 38.9774

236.9660,  
-48.7902, 15.8158

138.0180,  
-54.2389, 36.8182

244.7400,  
-39.3118, 8.9980

111.4800,  
-54.9596, 34.6590

247.9320,  
-27.0815, 6.1986

88.4330, -43.5975,  
30.3153

251.2380,  
-14.4143, 3.2993

66.5600, -32.8141,  
24.9419

254.5440, -1.7472,  
0.3999

46.1600, -22.7569,  
19.1537

26.0590, -12.8471,

13.9803

■ 4.1860, -2.0637,  
8.6069

■ 0.0000, 0.0000,  
0.0000

■ 193.4530,  
-53.9603, 40.8217

■ 193.4530,  
-53.9603, 40.8217

■ 186.0210,  
-62.1284, 47.3396

■ 200.8850,  
-45.7923, 34.3039

■ 179.1760,  
-70.5858, 53.3426

■ 207.7300,  
-37.3349, 28.3008

■ 171.7440,  
-78.7538, 59.8605

■ 215.1620,  
-29.1669, 21.7829

■ 168.6150,  
-83.1272, 62.6046

■ 222.0070,  
-20.7095, 15.7799

■ 229.4390,  
-12.5414, 9.2620

■ 236.2840, -4.0840,  
3.2589

■ 243.7160, 4.0840,  
-3.2589

■ 248.1670, 3.3687,  
-7.1625

■ 250.5150, 2.2111,  
-9.2217

# Harmonies

## Analogous

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



188.5750, -38.7375, 58.2547



193.4530, -53.9603, 40.8217



188.1980, -47.4256, -1.9276

# Triad

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



193.4530, -53.9603, 40.8217



159.5490, 40.1553, -139.9245



202.7570, 25.7558, 45.8171

# Complementary

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



193.4530, -53.9603, 40.8217



130.5470, 53.9603, -40.8217

# 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.



194.1430, 30.0025, -9.7724



193.4530, -53.9603, 40.8217



158.2100, 47.7175, -138.7502

# Square

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



193.4530, -53.9603, 40.8217



153.0510, 15.2579, -134.2257



163.7350, 44.9936, -105.0076



189.0500, 11.3143, 57.8381



# Rectangle

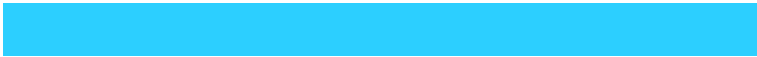
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



193.4530, -53.9603, 40.8217



182.9580, -33.5033, -34.1662



163.7350, 44.9936, -105.0076



200.8860, 26.6782, 29.9180

# Sweetspot

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



193.4530, -53.9603, 40.8217



239.7940, -17.6464, 13.3357



136.2300, -1.5924, 91.0063



118.5960, -10.6468, 8.2473



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.



193.4530, -53.9603, 40.8217



195.9200, -68.9806, 51.8132



213.5450, -63.8657, -2.2320



116.2840, -4.0840, 3.2589



128.9780, -63.5862, 48.2543



39.0500, -19.2516, 14.8652



# Inverse Universe

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



130.5470, 53.9603, -40.8217



115.6670, 68.6912, -52.3280



110.4550, 63.8657, 2.2320



111.7160, 4.0840, -3.2589



55.0220, 63.5862, -48.2543



16.9500, 19.2516, -14.8651



# Previews

## White Background



This preview shows how the YUV color 193.4530, -53.9603, 40.8217 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

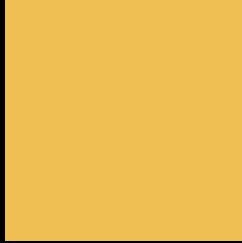
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 193.4530, -53.9603, 40.8217 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 193.4530, -53.9603, 40.8217

## Background



This preview shows how black text looks on a background with the YUV color 193.4530, -53.9603, 40.8217.



This preview shows how white text looks on a background with the YUV color 193.4530, -53.9603, 40.8217.



# 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

193.4530, -53.9603, 40.8217

### Protanopia

191.8100, -52.1643, 24.7226

### Deuteranopia

193.6000, -53.5398, 45.9548



## Tritanopia

201.2270, -4.0559, 41.0199

# Trichromacy



## Original Color

193.4530, -53.9603, 40.8217

## Protanomaly

192.0280, -52.7648, 30.6704

## Deuteranomaly

193.5890, -53.5344, 44.2104

## Tritanomaly

198.1180, -22.2432, 41.1155

# Monochromacy



## Original Color

193.4530, -53.9603, 40.8217

## Achromatopsia

193.0000, 0.0000, 0.0000

## Achromatomaly

192.9360, -19.6884, 14.9651

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.4530, -53.9603, 40.8217 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(240, 191, 84)` looks like.

```
.text, #text, p{  
    color:rgb(240, 191, 84)  
}
```

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(240, 191, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 191, 84) }
```

## Border

The CSS property to change the border of an element to YUV 193.4530, -53.9603, 40.8217 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(240, 191, 84) }
```



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

```
.border{ border-color:rgb(240, 191, 84) }
```

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

Here you see how a box with a 4 pixel rgb(240, 191, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 191, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 191, 84);  
box-shadow:4px 4px 4px 4px rgb(240, 191,  
84) }
```

# Background

The CSS property to change the background color of an element to YUV 193.4530, -53.9603, 40.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 191, 84) }
```

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

```
.background{ background-color: rgb(240,  
191, 84) }
```

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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