

# Converting Colors

YUV(194.0080, -72.4749,  
52.6130)

Have a look what the booklet for  
YUV(194.0080, -72.4749, 52.6130)  
contains.

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# Color

**YUV(194.0080, -72.4749,  
52.6130)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEC02F
RGB	254, 192, 47
RGB Percent	100%, 75%, 18%
CMY	0.0039, 0.2471, 0.8157
CMYK	0.00, 0.24, 0.81, 0.00
HSL	42°, 99%, 59%
HSV	42°, 81%, 100%
XYZ	60.2358, 58.9753, 10.8979
YIQ	194.0080, 83.4970, -31.9510

# Conversions

## Conversions Part 2

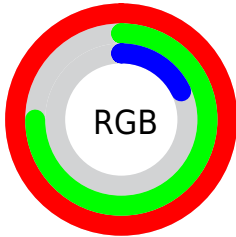
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	136, 254, 47
Decimal	16695343
CIE Lab	81.28, 10.18, 74.86
CIE LCh	81, 75.550, 82.258
Yxy	58.9753, 0.4630, 0.4533
Android (android.graphics.Color)	4294885423 (0xFFFE02F)
YUV	194.0080, -72.4749, 52.6130
Hunter-Lab	76.7954, 5.6175, 45.3430

# Details

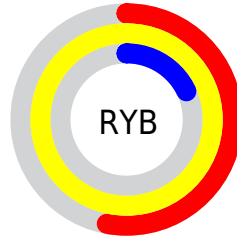
The YUV color **194.0080, -72.4749, 52.6130** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **106.9920, 72.4749, -52.6130**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.9050, -63.0572, 18.5003**, and **139.0010, -68.5275, 46.4801** is the 20% darker color. If you saturate the color by 10%, you get **186.4620, -81.0798, 59.2308**, and if you desaturate by 10%, it is **201.5540, -63.8701, 45.9951**.

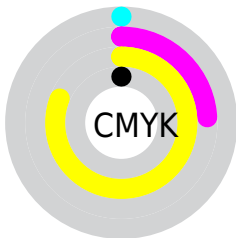
# Distribution



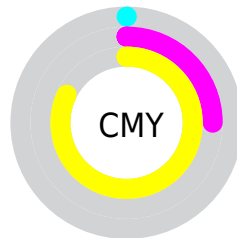
- Red (100%)
- Green (75%)
- Blue (18%)



- Red (53%)
- Yellow (100%)
- Blue (18%)



- Cyan (0%)
- Magenta (24%)
- Yellow (81%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 194.0080, -72.4749, 52.6130 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 194.0080, -72.4749, 52.6130 by changing the saturation by 10% instead.



194.0080,  
-72.4749, 52.6130

194.0080,  
-72.4749, 52.6130

255.0000, 0.0000,  
0.0000

163.5320,  
-80.6213, 52.1534

233.9050,  
-63.0572, 18.5003

139.0010,  
-68.5275, 46.4801

241.2060,  
-52.8526, 12.0973

115.3560,  
-56.8705, 40.9068

244.5120,  
-40.1854, 9.1980

92.0100, -45.3609,  
35.9482

247.7040,  
-27.9551, 6.3986

69.8380, -34.4301,  
29.9601

251.0100,  
-15.2879, 3.4992

48.5520, -23.9361,  
24.0719

254.4300, -2.1840,

29.0380, -14.3157,

0.4999

18.3837

■ 7.7740, -3.8326,  
15.9842

■ 0.0000, 0.0000,  
0.0000

■ 194.0080,  
-72.4749, 52.6130

■ 194.0080,  
-72.4749, 52.6130

■ 186.4620,  
-81.0798, 59.2308

■ 201.5540,  
-63.8701, 45.9951

■ 180.4320,  
-88.9530, 64.5191

■ 208.6270,  
-54.5391, 39.7921

■ 216.1730,  
-45.9343, 33.1743

■ 223.2460,  
-36.6033, 26.9713

■ 230.7920,  
-27.9985, 20.3534

■ 238.3380,  
-19.3936, 13.7356

■ 245.4110,  
-10.0626, 7.5326

■ 252.9570, -1.4578,  
0.9147

254.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



182.8870, -45.3003, 63.2431



194.0080, -72.4749, 52.6130



187.9150, -65.0341, -0.8025

# Triad

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



194.0080, -72.4749, 52.6130



167.3740, 42.2136, -146.7870



199.2350, 27.4921, 48.9059

# Complementary

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



194.0080, -72.4749, 52.6130



106.9920, 72.4749, -52.6130

# 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.



191.7180, 31.1980, -19.9237



194.0080, -72.4749, 52.6130



164.0800, 44.8236, -143.8982

# Square

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



194.0080, -72.4749, 52.6130



158.5790, 11.0536, -139.0738



155.2750, 49.1644, -136.1762



182.0860, 20.1706, 63.9456



# Rectangle

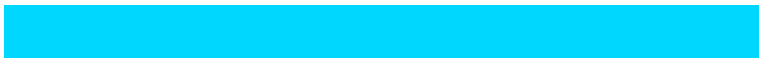
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



194.0080, -72.4749, 52.6130



181.2160, -44.9695, -43.1624



155.2750, 49.1644, -136.1762



201.5170, 26.3671, 36.3806

# Sweetspot

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



194.0080, -72.4749, 52.6130



237.4800, -21.4356, 15.3650



115.9610, -3.4318, 121.0602



116.7380, -12.6888, 9.8768



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.



194.0080, -72.4749, 52.6130



182.4750, -87.4952, 63.6044



218.1430, -84.3735, -4.5104



124.1700, -4.5208, 3.3589



135.7670, -66.9331, 48.4393



45.5510, -22.4566, 16.1798



# Inverse Universe

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



106.9920, 72.4749, -52.6130



77.5250, 87.4952, -63.6044



82.8570, 84.3735, 4.5104



118.8300, 4.5208, -3.3589



55.2330, 66.9331, -48.4393



18.4490, 22.4566, -16.1798



# Previews

## White Background



This preview shows how the YUV color 194.0080, -72.4749, 52.6130 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 194.0080, -72.4749, 52.6130 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 194.0080, -72.4749, 52.6130

## Background



This preview shows how black text looks on a background with the YUV color 194.0080, -72.4749, 52.6130.



This preview shows how white text looks on a background with the YUV color 194.0080, -72.4749, 52.6130.



# 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

194.0080, -72.4749, 52.6130

### Protanopia

192.7340, -70.3679, 30.0513

### Deuteranopia

194.0080, -72.4749, 52.6130



## Tritanopia

205.7820, -5.8085, 43.1642

# Trichromacy



## Original Color

194.0080, -72.4749, 52.6130

## Protanomaly

193.2620, -71.1212, 38.3582

## Deuteranomaly

194.0080, -72.4749, 52.6130

## Tritanomaly

201.5010, -29.8270, 46.9186

# Monochromacy



## Original Color

194.0080, -72.4749, 52.6130

## Achromatopsia

194.0000, 0.0000, 0.0000

## Achromatomaly

193.9490, -26.1039, 19.3387

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.0080, -72.4749, 52.6130 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, 192, 47)` looks like.

```
.text, #text, p{  
    color:rgb(254, 192, 47)  
}
```

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, 192, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 47) }
```

## Border

The CSS property to change the border of an element to YUV 194.0080, -72.4749, 52.6130 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, 192, 47) }
```



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

```
.border{ border-color:rgb(254, 192, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 192, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 47);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
47) }
```

# Background

The CSS property to change the background color of an element to YUV 194.0080, -72.4749, 52.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 192, 47) }
```

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

```
.background{ background-color: rgb(254,  
192, 47) }
```

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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