

Converting Colors

YUV(193.8650, -85.7154,
52.7384)

Have a look what the booklet for
YUV(193.8650, -85.7154, 52.7384)
contains.

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Color

**YUV(193.8650, -85.7154,
52.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC514
RGB	254, 197, 20
RGB Percent	100%, 77%, 8%
CMY	0.0039, 0.2275, 0.9216
CMYK	0.00, 0.22, 0.92, 0.00
HSL	45°, 99%, 54%
HSV	45°, 92%, 100%
XYZ	60.9656, 61.0538, 9.2332
YIQ	193.8650, 90.7890, -42.9630

Conversions

Conversions Part 2

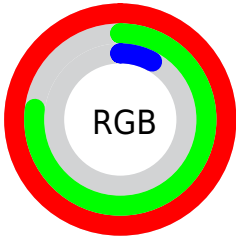
Format	Color
R_{YB}	95, 254, 20
Decimal	16696596
CIE Lab	82.41, 7.04, 81.80
CIE LCh	82, 82.103, 85.084
Yxy	61.0538, 0.4645, 0.4652
Android (android.graphics.Color)	4294886676 (0xFFFE C514)
YUV	193.8650, -85.7154, 52.7384
Hunter-Lab	78.1370, 2.5331, 47.6898

Details

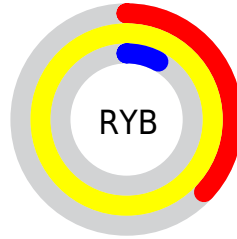
The YUV color **193.8650, -85.7154, 52.7384** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **80.1350, 85.7154, -52.7384**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.1300, -71.0561, 17.4260**, and **141.9360, -69.9744, 43.9061** is the 20% darker color. If you saturate the color by 10%, you get **188.6500, -93.0044, 57.3120**, and if you desaturate by 10%, it is **200.2370, -76.5318, 47.1502**.

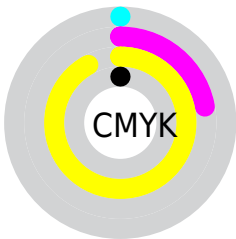
Distribution



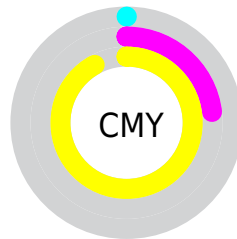
- Red (100%)
- Green (77%)
- Blue (8%)



- Red (37%)
- Yellow (100%)
- Blue (8%)



- Cyan (0%)
- Magenta (22%)
- Yellow (92%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.8650, -85.7154, 52.7384 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 193.8650, -85.7154, 52.7384 by changing the saturation by 10% instead.

193.8650,
-85.7154, 52.7384

193.8650,
-85.7154, 52.7384

255.0000, 0.0000,
0.0000

166.4670,
-82.0682, 49.5794

235.1300,
-71.0561, 17.4260

141.9360,
-69.9744, 43.9061

239.6100,
-58.9677, 13.4970

117.7040,
-58.0281, 38.8476

242.9160,
-46.3006, 10.5977

94.6460, -46.6605,
32.7595

246.2220,
-33.6334, 7.6983

72.4740, -35.7297,
26.7713

249.5280,
-20.9663, 4.7989

51.1880, -25.2357,
20.8831

252.9480, -7.8624,

31.0870, -15.3259,

1.7996

15.7097

■ 9.2360, -4.5533,
13.8250

■ 0.0000, 0.0000,
0.0000

■ 193.8650,
-85.7154, 52.7384

■ 193.8650,
-85.7154, 52.7384

■ 188.6500,
-93.0044, 57.3120

■ 200.2370,
-76.5318, 47.1502

■ 206.7230,
-66.9114, 41.4619

■ 213.6820,
-58.0172, 35.3589

■ 220.1680,
-48.3968, 29.6707

■ 226.5400,
-39.2132, 24.0824

■ 232.9120,
-30.0296, 18.4942

■ 239.3980,
-20.4092, 12.8060

■ 245.7700,
-11.2256, 7.2177

■ 252.8430, -1.8946,
1.0147

Harmonies

Analogous

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



182.4650, -51.9942, 63.6132



193.8650, -85.7154, 52.7384



187.9760, -70.9802, -6.9950

Triad

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



193.8650, -85.7154, 52.7384



170.5370, 41.6403, -149.5609



196.3000, 28.9391, 51.4799

Complementary

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



193.8650, -85.7154, 52.7384



80.1350, 85.7154, -52.7384

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.



194.4200, 29.8659, -12.6463



193.8650, -85.7154, 52.7384



166.4280, 43.6660, -145.9574

Square

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



193.8650, -85.7154, 52.7384



162.4260, 13.1010, -142.4476



157.0360, 48.2963, -137.7206



177.7490, 21.3227, 67.7491

Rectangle

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



193.8650, -85.7154, 52.7384



179.7260, -45.2209, -55.8877



157.0360, 48.2963, -137.7206



203.3440, 25.4664, 45.3023

Sweetspot

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



193.8650, -85.7154, 52.7384



236.9270, -26.0930, 15.8500



96.6920, -8.7222, 137.9591



116.5270, -16.0358, 10.0618



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.



193.8650, -85.7154, 52.7384



189.5360, -93.4412, 57.4119



209.6830, -93.5137, -12.8770



124.1700, -4.5208, 3.3589



142.2240, -70.1164, 42.7766



47.3120, -23.3248, 14.6354

Inverse Universe

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



80.1350, 85.7154, -52.7384



65.4640, 93.4412, -57.4119



64.3170, 93.5137, 12.8770



118.2430, 4.8102, -2.8441



49.3630, 69.8270, -43.2914



16.6880, 23.3248, -14.6354

Previews

White Background



This preview shows how the YUV color 193.8650, -85.7154, 52.7384 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 193.8650, -85.7154, 52.7384 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 193.8650, -85.7154, 52.7384 Background



This preview shows how black text looks on a background with the YUV color 193.8650, -85.7154, 52.7384.



This preview shows how white text looks on a background with the YUV color 193.8650, -85.7154,

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

193.8650, -85.7154, 52.7384

Protanopia

192.6130, -83.6192, 33.6654

Deuteranopia

199.5050, -62.8600, 48.6691



Tritanopia

208.7000, -4.7821, 40.6051

Trichromacy



Original Color

193.8650, -85.7154, 52.7384

Protanomaly

193.1300, -84.3671, 40.2280

Deuteranomaly

197.3390, -71.1591, 50.5687

Tritanomaly

203.6380, -34.3315, 45.0445

Monochromacy



Original Color

193.8650, -85.7154, 52.7384

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.9830, -31.0506, 19.3089

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8650, -85.7154, 52.7384 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, 197, 20)` looks like.

```
.text, #text, p{  
    color:rgb(254, 197, 20)  
}
```

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, 197, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 197, 20) }
```

Border

The CSS property to change the border of an element to YUV 193.8650, -85.7154, 52.7384 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, 197, 20) }
```


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

```
.border{ border-color:rgb(254, 197, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 197, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 197, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 197, 20);  
box-shadow:4px 4px 4px 4px rgb(254, 197,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 193.8650, -85.7154, 52.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 197, 20) }
```

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

```
.background{ background-color: rgb(254,  
197, 20) }
```

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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