

Converting Colors

YUV(194.4210, -72.1856,
53.1278)

Have a look what the booklet for
YUV(194.4210, -72.1856, 53.1278)
contains.

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Color

**YUV(194.4210, -72.1856,
53.1278)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC030
RGB	255, 192, 48
RGB Percent	100%, 75%, 19%
CMY	0.0000, 0.2471, 0.8118
CMYK	0.00, 0.25, 0.81, 0.00
HSL	42°, 100%, 59%
HSV	42°, 81%, 100%
XYZ	60.6231, 59.1727, 11.0226
YIQ	194.4210, 83.7720, -31.4280

Conversions

Conversions Part 2

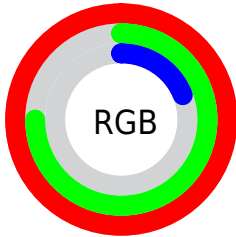
Format	Color
R _Y B	139, 255, 48
Decimal	16760880
CIE Lab	81.39, 10.63, 74.70
CIE LCh	81, 75.448, 81.902
Yxy	59.1727, 0.4634, 0.4523
Android (android.graphics.Color)	4294950960 (0xFFFFC030)
YUV	194.4210, -72.1856, 53.1278
Hunter-Lab	76.9238, 6.0581, 45.3508

Details

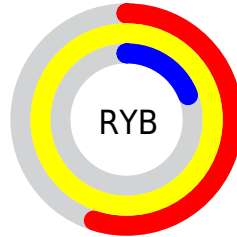
The YUV color **194.4210, -72.1856, 53.1278** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **108.5790, 72.1856, -53.1278**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0190, -62.6204, 18.4003**, and **139.3000, -68.6749, 47.0949** is the 20% darker color. If you saturate the color by 10%, you get **186.8750, -80.7904, 59.7456**, and if you desaturate by 10%, it is **202.0810, -63.1439, 46.4100**.

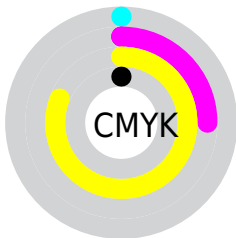
Distribution



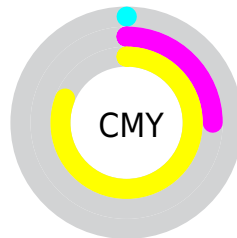
- Red (100%)
- Green (75%)
- Blue (19%)



- Red (55%)
- Yellow (100%)
- Blue (19%)



- Cyan (0%)
- Magenta (25%)
- Yellow (81%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.4210, -72.1856, 53.1278 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 194.4210, -72.1856, 53.1278 by changing the saturation by 10% instead.

194.4210,
-72.1856, 53.1278

194.4210,
-72.1856, 53.1278

255.0000, 0.0000,
0.0000

164.0590,
-79.8951, 52.5683

234.0190,
-62.6204, 18.4003

139.3000,
-68.6749, 47.0949

241.3200,
-52.4158, 11.9974

115.6550,
-57.0179, 41.5216

244.5120,
-40.1854, 9.1980

92.3090, -45.5083,
36.5630

247.8180,
-27.5183, 6.2986

69.8380, -34.4301,
29.9601

251.1240,
-14.8511, 3.3993

48.8510, -24.0835,
24.6867

254.5440, -1.7472,

29.0380, -14.3157,

0.3999

18.3837

■ 8.0730, -3.9800,
16.5990

■ 0.0000, 0.0000,
0.0000

■ 194.4210,
-72.1856, 53.1278

■ 194.4210,
-72.1856, 53.1278

■ 186.8750,
-80.7904, 59.7456

■ 202.0810,
-63.1439, 46.4100

■ 180.1440,
-88.8110, 65.6487

■ 209.6270,
-54.5391, 39.7921

■ 216.7000,
-45.2081, 33.5891

■ 224.2460,
-36.6033, 26.9713

■ 231.9060,
-27.5617, 20.2534

■ 239.4520,
-18.9568, 13.6356

■ 246.5250, -9.6258,
7.4326

254.0710, -1.0210,
0.8147

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



183.0010, -44.8635, 63.1431



194.4210, -72.1856, 53.1278



188.5130, -65.3289, 0.4271

Triad

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



194.4210, -72.1856, 53.1278



167.3740, 42.2136, -146.7870



199.8220, 27.2028, 48.3911

Complementary

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



194.4210, -72.1856, 53.1278



108.5790, 72.1856, -53.1278

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.



191.4190, 31.3454, -20.5385



194.4210, -72.1856, 53.1278



164.0800, 44.8236, -143.8982

Square

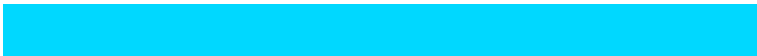
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



194.4210, -72.1856, 53.1278



158.4650, 10.6168, -138.9738



155.8620, 48.8750, -136.6910



182.3140, 21.0442, 63.7456

Rectangle

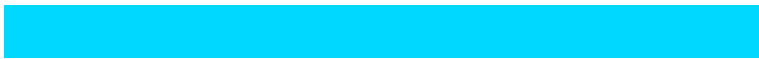
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



194.4210, -72.1856, 53.1278



181.8140, -45.2643, -41.9329



155.8620, 48.8750, -136.6910



201.8050, 26.2251, 35.2510

Sweetspot

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



194.4210, -72.1856, 53.1278



236.8930, -21.1462, 15.8798



117.4170, -1.6846, 120.6603



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.



194.4210, -72.1856, 53.1278



182.8170, -86.1848, 63.3045



220.0400, -84.8157, -2.6661



124.1700, -4.5208, 3.3589



135.1800, -66.6437, 48.9541



44.9640, -22.1673, 16.6946

Inverse Universe

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



108.5790, 72.1856, -53.1278



80.1830, 86.1848, -63.3045



82.9600, 84.8157, 2.6661



118.8300, 4.5208, -3.3589



55.8200, 66.6437, -48.9541



18.4490, 22.4566, -16.1798

Previews

White Background



This preview shows how the YUV color 194.4210, -72.1856, 53.1278 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 194.4210, -72.1856, 53.1278 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 194.4210, -72.1856, 53.1278

Background



This preview shows how black text looks on a background with the YUV color 194.4210, -72.1856, 53.1278.



This preview shows how white text looks on a background with the YUV color 194.4210, -72.1856, 53.1278.

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

194.4210, -72.1856, 53.1278

Protanopia

192.8480, -69.9311, 29.9513

Deuteranopia

194.4210, -72.1856, 53.1278



Tritanopia

205.7820, -5.8085, 43.1642

Trichromacy



Original Color

194.4210, -72.1856, 53.1278

Protanomaly

193.3760, -70.6844, 38.2582

Deuteranomaly

194.4210, -72.1856, 53.1278

Tritanomaly

201.5010, -29.8270, 46.9186

Monochromacy



Original Color

194.4210, -72.1856, 53.1278

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 194.4210, -72.1856, 53.1278 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(255, 192, 48)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 48)  
}
```

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(255, 192, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 48) }
```

Border

The CSS property to change the border of an element to YUV 194.4210, -72.1856, 53.1278 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(255, 192, 48) }
```


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

```
.border{ border-color:rgb(255, 192, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 48);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 194.4210, -72.1856, 53.1278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 48) }
```

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

```
.background{ background-color: rgb(255,  
192, 48) }
```

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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