

Converting Colors

YUV(190.1230, -93.7306,
56.8971)

Have a look what the booklet for
YUV(190.1230, -93.7306, 56.8971)
contains.

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Color

**YUV(190.1230, -93.7306,
56.8971)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC200
RGB	255, 194, 0
RGB Percent	100%, 76%, 0%
CMY	0.0000, 0.2392, 1.0000
CMYK	0.00, 0.24, 1.00, 0.00
HSL	46°, 100%, 50%
HSV	46°, 100%, 100%
XYZ	60.5318, 59.8436, 8.3606
YIQ	190.1230, 98.6300, -47.4020

Conversions

Conversions Part 2

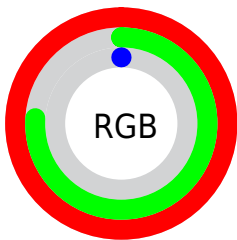
Format	Color
R _Y B	80, 255, 0
Decimal	16761344
CIE Lab	81.75, 8.83, 83.53
CIE LCh	82, 83.998, 83.965
Yxy	59.8436, 0.4702, 0.4649
Android (android.graphics.Color)	4294951424 (0xFFFC200)
YUV	190.1230, -93.7306, 56.8971
Hunter-Lab	77.3586, 4.2956, 47.7432

Details

The YUV color **190.1230, -93.7306, 56.8971** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **64.8770, 93.7306, -56.8971**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6850, -72.8087, 19.5703**, and **140.4740, -69.2537, 46.0653** is the 20% darker color. If you saturate the color by 10%, you get **190.1230, -93.7306, 56.8971**, and if you desaturate by 10%, it is **196.4950, -84.5470, 51.3089**.

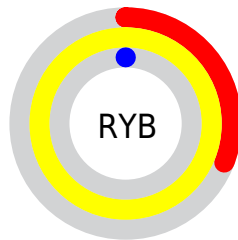
Distribution



Red (100%)

Green (76%)

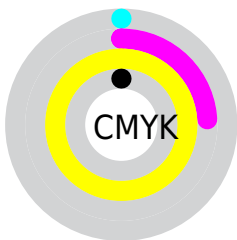
Blue (0%)



Red (31%)

Yellow (100%)

Blue (0%)

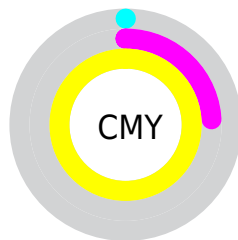


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.1230, -93.7306, 56.8971 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 190.1230, -93.7306, 56.8971 by changing the saturation by 10% instead.

190.1230,
-93.7306, 56.8971

190.1230,
-93.7306, 56.8971

255.0000, 0.0000,
0.0000

165.0050,
-81.3475, 51.7386

232.6850,
-72.8087, 19.5703

140.4740,
-69.2537, 46.0653

238.9260,
-61.5885, 14.0969

116.5300,
-57.4493, 39.8772

242.2320,
-48.9214, 11.1975

92.8850, -45.7923,
34.3039

245.5380,
-36.2542, 8.2982

70.7130, -34.8615,
28.3157

248.9580,
-23.1503, 5.2988

49.7260, -24.5149,
23.0423

252.2640,

29.9130, -14.7471,

-10.4832, 2.3995

16.7393

■ 7.4750, -3.6852,
15.3694

■ 0.0000, 0.0000,
0.0000

■ 190.1230,
-93.7306, 56.8971

■ 196.4950,
-84.5470, 51.3089

■ 202.9810,
-74.9266, 45.6207

■ 209.4670,
-65.3062, 39.9324

■ 215.8390,
-56.1226, 34.3442

■ 222.9120,
-46.7916, 28.1412

■ 229.2840,
-37.6080, 22.5529

■ 235.7700,
-27.9876, 16.8647

■ 242.1420,
-18.8040, 11.2765

■ 248.6280, -9.1836,
5.5882

Harmonies

Analogous

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



179.7750, -52.1471, 65.9723



190.1230, -93.7306, 56.8971



185.3200, -76.0798, -4.6656

Triad

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



190.1230, -93.7306, 56.8971



169.9500, 41.9297, -149.0461



195.1260, 29.5179, 52.5095

Complementary

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



190.1230, -93.7306, 56.8971



64.8770, 93.7306, -56.8971

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.



191.1420, 31.4820, -17.6645



190.1230, -93.7306, 56.8971



165.8410, 43.9554, -145.4426

Square

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



190.1230, -93.7306, 56.8971



161.2690, 11.2064, -141.4329



156.4490, 48.5856, -137.2058



175.0420, 23.6433, 70.1232

Rectangle

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



190.1230, -93.7306, 56.8971



177.6400, -48.1365, -54.0583



156.4490, 48.5856, -137.2058



201.5720, 26.3400, 45.1024

Sweetspot

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



190.1230, -93.7306, 56.8971



235.7700, -27.9876, 16.8647



83.5410, -9.6337, 150.3695



116.2990, -16.9094, 10.2618



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.



190.1230, -93.7306, 56.8971



206.7940, -101.9494, -13.8513



124.1700, -4.5208, 3.3589



142.8110, -70.4058, 42.2618



47.8990, -23.6142, 14.1206

Inverse Universe

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



64.8770, 93.7306, -56.8971



48.2060, 101.9494, 13.8513



118.2430, 4.8102, -2.8441



48.7760, 70.1164, -42.7766



16.1010, 23.6142, -14.1206

Previews

White Background



This preview shows how the YUV color 190.1230, -93.7306, 56.8971 looks on a white background.

Color Contrast Check

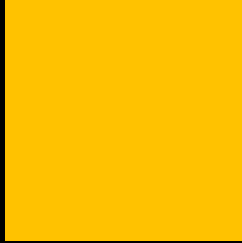
Large Text (above 18pt) WCAG AA × Fail

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 190.1230, -93.7306, 56.8971 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 190.1230, -93.7306, 56.8971

Background



This preview shows how black text looks on a background with the YUV color 190.1230, -93.7306, 56.8971.



This preview shows how white text looks on a background with the YUV color 190.1230, -93.7306, 56.8971.

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

190.1230, -93.7306, 56.8971

Protanopia

190.0000, -87.2610, 35.0800

Deuteranopia

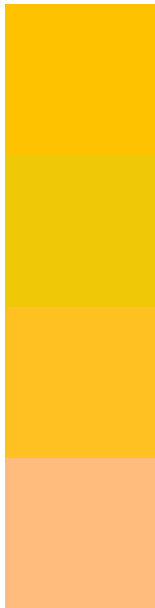
195.5780, -70.2910, 52.1131



Tritanopia

207.1840, -5.5137, 41.9346

Trichromacy



Original Color

190.1230, -93.7306, 56.8971

Protanomaly

189.7730, -89.6141, 43.1721

Deuteranomaly

193.4120, -78.5901, 54.0127

Tritanomaly

200.8510, -37.3945, 47.4887

Monochromacy



Original Color

190.1230, -93.7306, 56.8971

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.8970, -33.9662, 21.1383

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.1230, -93.7306, 56.8971 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, 194, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 0)  
}
```

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, 194, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 0) }
```

Border

The CSS property to change the border of an element to YUV 190.1230, -93.7306, 56.8971 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, 194, 0) }
```

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

```
.border{ border-color:rgb(255, 194, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 190.1230, -93.7306, 56.8971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 0) }
```

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

```
.background{ background-color: rgb(255,  
194, 0) }
```

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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