

Converting Colors

YUV(191.5190, -94.4189,
44.2718)

Have a look what the booklet for
YUV(191.5190, -94.4189, 44.2718)
contains.

YUV(191.5190, -94.4189, 44.2718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(191.5190, -94.4189,
44.2718)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CB00
RGB	242, 203, 0
RGB Percent	95%, 80%, 0%
CMY	0.0510, 0.2039, 1.0000
CMYK	0.00, 0.16, 1.00, 0.05
HSL	50°, 100%, 47%
HSV	50°, 100%, 95%
XYZ	57.9739, 61.5891, 8.8323
YIQ	191.5190, 88.4070, -54.8650

Conversions

Conversions Part 2

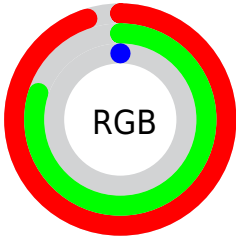
Format	Color
RYB	46, 242, 0
Decimal	15911680
CIELab	82.69, -1.37, 83.59
CIELCh	83, 83.597, 90.941
Yxy	61.5891, 0.4515, 0.4797
Android (android.graphics.Color)	4294101760 (0xFFFF2CB00)
YUV	191.5190, -94.4189, 44.2718
Hunter-Lab	78.4787, -5.4761, 48.2624

Details

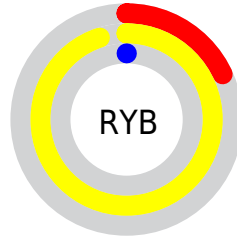
The YUV color **191.5190, -94.4189, 44.2718** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **50.4810, 94.4189, -44.2718**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.7340, -73.8189, 16.8963**, and **141.5820, -69.7999, 34.5696** is the 20% darker color. If you saturate the color by 10%, you get **191.5190, -94.4189, 44.2718**, and if you desaturate by 10%, it is **196.6030, -85.0933, 39.8132**.

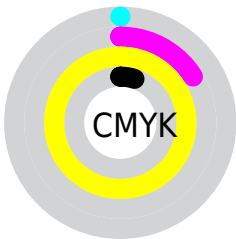
Distribution



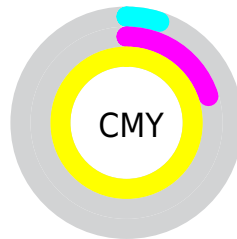
- Red (95%)
- Green (80%)
- Blue (0%)



- Red (18%)
- Yellow (95%)
- Blue (0%)



- Cyan (0%)
- Magenta (16%)
- Yellow (100%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.5190, -94.4189, 44.2718 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 191.5190, -94.4189, 44.2718 by changing the saturation by 10% instead.

■ 191.5190,
-94.4189, 44.2718

■ 191.5190,
-94.4189, 44.2718

■ 255.0000, 0.0000,
0.0000

■ 166.4010,
-82.0357, 39.1133

■ 235.7340,
-73.8189, 16.8963

■ 141.5820,
-69.7999, 34.5696

■ 239.1540,
-60.7149, 13.8969

■ 117.9370,
-58.1429, 28.9963

■ 242.4600,
-48.0478, 10.9976

■ 94.5910, -46.6334,
24.0377

■ 245.7660,
-35.3806, 8.0982

■ 72.4190, -35.7026,
18.0495

■ 249.0720,
-22.7135, 5.1989

■ 51.4320, -25.3560,
12.7761

■ 252.4920, -9.6096,

■ 31.6300, -15.5936,

2.1995

8.2175

■ 9.4580, -4.6628,
2.2293

■ 0.0000, 0.0000,
0.0000

■ 191.5190,
-94.4189, 44.2718

■ 196.6030,
-85.0933, 39.8132

■ 201.6870,
-75.7677, 35.3545

■ 206.8850,
-66.0053, 30.7959

■ 211.9690,
-56.6797, 26.3372

■ 216.4660,
-47.0647, 22.3933

■ 221.5500,
-37.7392, 17.9346

■ 226.6340,
-28.4136, 13.4760

■ 231.8320,
-18.6512, 8.9173

■ 236.9160, -9.3256,
4.4587

Harmonies

Analogous

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



184.2770, -60.2826, 62.0241



191.5190, -94.4189, 44.2718



186.2670, -65.7006, -20.4052

Triad

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



191.5190, -94.4189, 44.2718



171.1240, 41.3509, -150.0757



192.1910, 30.9648, 55.0835

Complementary

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



191.5190, -94.4189, 44.2718



50.4810, 94.4189, -44.2718

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.



198.9710, 27.6223, 7.0414



191.5190, -94.4189, 44.2718



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.



191.5190, -94.4189, 44.2718



165.5380, 19.9478, -145.1768



154.6880, 49.4538, -135.6614



174.3920, 16.0757, 70.6932

Rectangle

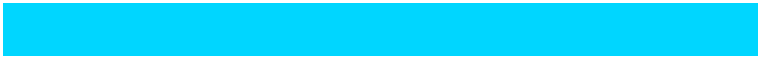
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



191.5190, -94.4189, 44.2718



175.0700, -37.0095, -76.3604



154.6880, 49.4538, -135.6614



199.2350, 27.4921, 48.9059

Sweetspot

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



191.5190, -94.4189, 44.2718



239.2920, -29.7240, 13.7759



76.9180, -18.2006, 144.7769



118.0600, -17.7776, 8.7174



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.



191.5190, -94.4189, 44.2718



201.8630, -99.5185, 46.6011



190.1930, -93.7651, -25.6023



117.4580, -4.6628, 2.2293



145.4140, -71.6891, 33.8399



44.3330, -21.8562, 10.2320

Inverse Universe

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



50.4810, 94.4189, -44.2718



53.1370, 99.5185, -46.6011



51.8070, 93.7651, 25.6023



110.5420, 4.6628, -2.2293



38.5860, 71.6891, -33.8399



11.6670, 21.8562, -10.2320

Previews

White Background



This preview shows how the YUV color 191.5190, -94.4189, 44.2718 looks on a white background.

Color Contrast Check

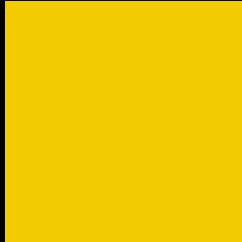
Large Text (above 18pt) WCAG AA × Fail

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 191.5190, -94.4189, 44.2718 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 191.5190, -94.4189, 44.2718

Background



This preview shows how black text looks on a background with the YUV color 191.5190, -94.4189, 44.2718.



This preview shows how white text looks on a background with the YUV color 191.5190, -94.4189, 44.2718.

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



Protanopia

191.7890, -90.6080, 35.2650

Deuteranopia

200.7760, -60.5286, 47.5544

Tritanopia

209.7320, -3.3189, 37.9460

Trichromacy



Protanomaly

192.0560, -92.2186, 38.5389



Deuteranomaly

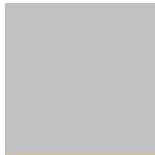
197.2630, -72.6007, 46.2503



Tritanomaly

203.0350, -36.4993, 40.3113

Monochromacy



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

191.7500, -34.3867, 16.0053

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.5190, -94.4189, 44.2718 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(242, 203, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 203, 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(242, 203, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 203, 0) }
```

Border

The CSS property to change the border of an element to YUV 191.5190, -94.4189, 44.2718 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(242, 203, 0) }
```

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

```
.border{ border-color:rgb(242, 203, 0) }
```

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

Here you see how a box with a 4 pixel rgb(242, 203, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 203, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 203, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 203,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 191.5190, -94.4189, 44.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 203, 0) }
```

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

```
.background{ background-color: rgb(242,  
203, 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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