

Converting Colors

YUV(191.5650, -94.4415,
4.7665)

Have a look what the booklet for
YUV(191.5650, -94.4415, 4.7665)
contains.

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Color

**YUV(191.5650, -94.4415,
4.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E200
RGB	197, 226, 0
RGB Percent	77%, 89%, 0%
CMY	0.2275, 0.1137, 1.0000
CMYK	0.13, 0.00, 1.00, 0.11
HSL	68°, 100%, 44%
HSV	68°, 100%, 89%
XYZ	50.2223, 66.2630, 10.1430
YIQ	191.5650, 55.2620, -76.4340

Conversions

Conversions Part 2

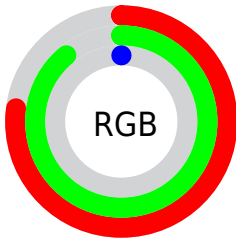
Format	Color
RYB	0, 226, 29
Decimal	12968448
CIELab	85.13, -31.68, 83.70
CIELCh	85, 89.495, 110.733
Yxy	66.2630, 0.3966, 0.5233
Android (android.graphics.Color)	4291158528 (0xFFC5E200)
YUV	191.5650, -94.4415, 4.7665
Hunter-Lab	81.4021, -32.3253, 49.5937

Details

The YUV color **191.5650, -94.4415, 4.7665** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **34.4350, 94.4415, -4.7665**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0760, -72.5085, 16.5963**, and **141.6390, -69.8280, -3.1914** is the 20% darker color. If you saturate the color by 10%, you get **191.5650, -94.4415, 4.7665**, and if you desaturate by 10%, it is **195.0840, -84.8374, 4.3113**.

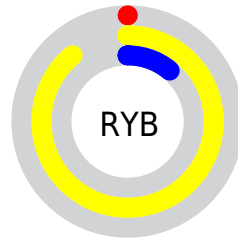
Distribution



Red (77%)

Green (89%)

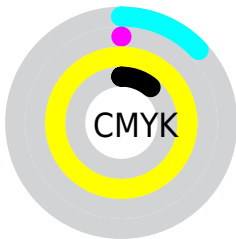
Blue (0%)



Red (0%)

Yellow (89%)

Blue (11%)

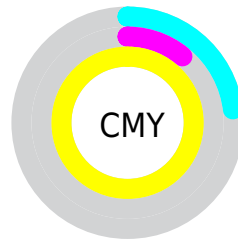


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (23%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.5650, -94.4415, 4.7665 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 191.5650, -94.4415, 4.7665 by changing the saturation by 10% instead.

■ 191.5650,
-94.4415, 4.7665

■ 191.5650,
-94.4415, 4.7665

255.0000, 0.0000,
0.0000

■ 166.1590,
-81.9164, 0.7376

■ 236.0760,
-72.5085, 16.5963

■ 141.6390,
-69.8280, -3.1914

■ 239.4960,
-59.4045, 13.5970

■ 117.1190,
-57.7397, -7.1204

■ 242.9160,
-46.3006, 10.5977

■ 93.4850, -46.0881,
-10.9493

■ 246.2220,
-33.6334, 7.6983

■ 70.7260, -34.8679,
-16.4227

■ 249.6420,
-20.5295, 4.6990

■ 47.3690, -23.3529,
-23.1256

■ 253.0620, -7.4256,

■ 27.5890, -13.6014,

1.6996

-24.1956

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 191.5650,
-94.4415, 4.7665

■ 195.0840,
-84.8374, 4.3113

■ 198.4890,
-75.6701, 3.9561

■ 202.0080,
-66.0659, 3.5010

■ 205.4130,
-56.8986, 3.1458

■ 208.9320,
-47.2945, 2.6906

■ 212.1520,
-37.5429, 1.6207

■ 215.5570,
-28.3756, 1.2655

■ 219.0760,
-18.7715, 0.8103

■ 222.4810, -9.6041,
0.4552

Harmonies

Analogous

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



193.0580, -95.1776, 54.3231



191.5650, -94.4415, 4.7665



177.6300, -39.7506, -83.8675

Triad

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



191.5650, -94.4415, 4.7665



173.4720, 40.1933, -152.1349



179.6700, 31.2217, 66.0644

Complementary

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



191.5650, -94.4415, 4.7665



34.4350, 94.4415, -4.7665

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.



200.4090, 26.9134, 47.8763



191.5650, -94.4415, 4.7665



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.



191.5650, -94.4415, 4.7665



176.9940, 38.4570, -155.2237



193.7010, 30.2204, -33.0638



171.1540, -6.4849, 73.5329

Rectangle

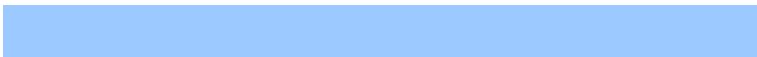
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



191.5650, -94.4415, 4.7665



163.0180, -4.9389, -142.9668



193.7010, 30.2204, -33.0638



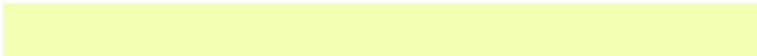
186.3210, 33.8587, 60.2315

Sweetspot

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



191.5650, -94.4415, 4.7665



243.3460, -31.7226, 1.4506



82.8360, -40.8381, 125.5548



120.9620, -19.2083, 0.9103



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.



191.5650, -94.4415, 4.7665



216.0630, -106.5191, 5.2067



158.6750, -78.2268, -62.8590



110.4470, -4.6574, 0.4850



149.0590, -73.4861, 3.4563



40.7340, -20.0819, 1.1103

Inverse Universe

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



34.4350, 94.4415, -4.7665



38.9370, 106.5191, -5.2067



67.3250, 78.2268, 62.8590



102.5530, 4.6574, -0.4850



26.9410, 73.4861, -3.4563



7.2660, 20.0819, -1.1103

Previews

White Background



This preview shows how the YUV color 191.5650, -94.4415, 4.7665 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 191.5650, -94.4415, 4.7665 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 191.5650, -94.4415, 4.7665 Background



This preview shows how black text looks on a background with the YUV color 191.5650, -94.4415, 4.7665.



This preview shows how white text looks on a background with the YUV color 191.5650, -94.4415,

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

191.5650, -94.4415, 4.7665

Protanopia

196.4920, -96.8706, 37.2795

Deuteranopia

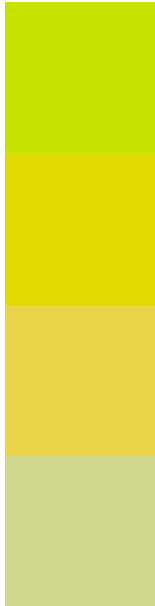
209.3310, -45.5192, 40.0517



Tritanopia

213.1340, 6.8359, 0.7595

Trichromacy



Original Color

191.5650, -94.4415, 4.7665

Protanomaly

194.9420, -96.1064, 25.4839

Deuteranomaly

202.8460, -63.5211, 27.3221

Tritanomaly

205.4000, -30.2702, 2.2802

Monochromacy



Original Color

191.5650, -94.4415, 4.7665

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.6620, -34.3434, 2.0504

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.5650, -94.4415, 4.7665 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(197, 226, 0)` looks like.

```
.text, #text, p{  
    color:rgb(197, 226, 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(197, 226, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 226, 0) }
```

Border

The CSS property to change the border of an element to YUV 191.5650, -94.4415, 4.7665 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(197, 226, 0) }
```


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

```
.border{ border-color:rgb(197, 226, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 226, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 226, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 226, 0);  
box-shadow:4px 4px 4px 4px rgb(197, 226,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 191.5650, -94.4415, 4.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 226, 0) }
```

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

```
.background{ background-color: rgb(197,  
226, 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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