

Converting Colors

YUV(195.0490, -88.7642,
-43.0160)

Have a look what the booklet for
YUV(195.0490, -88.7642, -43.0160)
contains.

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Color

**YUV(195.0490, -88.7642,
-43.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	92FF0F
RGB	146, 255, 15
RGB Percent	57%, 100%, 6%
CMY	0.4275, 0.0000, 0.9412
CMYK	0.43, 0.00, 0.94, 0.00
HSL	87°, 100%, 53%
HSV	87°, 94%, 100%
XYZ	47.7003, 77.6655, 12.9288
YIQ	195.0490, 12.0760, -97.7480

Conversions

Conversions Part 2

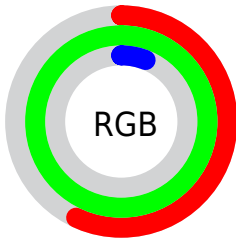
Format	Color
R _Y B	15, 255, 124
Decimal	9633551
CIE Lab	90.63, -62.26, 85.54
CIE LCh	91, 105.795, 126.049
Yxy	77.6655, 0.3449, 0.5616
Android (android.graphics.Color)	4287823631 (0xFF92FF0F)
YUV	195.0490, -88.7642, -43.0160
Hunter-Lab	88.1280, -57.6089, 52.9915

Details

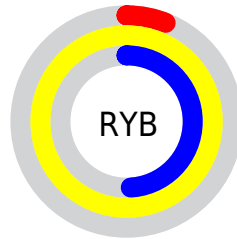
The YUV color **195.0490, -88.7642, -43.0160** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **74.9510, 88.7642, 43.0160**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.9350, -62.0860, -13.0980**, and **140.1570, -69.0974, -51.0037** is the 20% darker color. If you saturate the color by 10%, you get **191.2460, -94.2843, -45.8197**, and if you desaturate by 10%, it is **201.6010, -79.1763, -38.2381**.

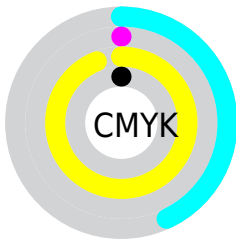
Distribution



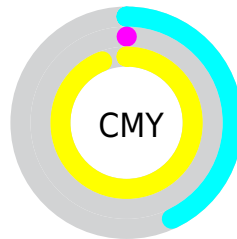
- Red (57%)
- Green (100%)
- Blue (6%)



- Red (6%)
- Yellow (100%)
- Blue (49%)



- Cyan (43%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)





- Cyan (43%)
- Magenta (0%)
- Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 195.0490, -88.7642, -43.0160 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 195.0490, -88.7642, -43.0160 by changing the saturation by 10% instead.


 195.0490,
-88.7642, -43.0160

 195.0490,
-88.7642, -43.0160


255.0000, 0.0000,
0.0000

 167.0470,
-82.3542, -45.6452


 222.9350,
-62.0860, -13.0980

 140.1570,
-69.0974, -51.0037


 235.4390,
-52.9674, 2.2460


 112.6470,
-55.5350, -61.0804


 243.9420,
-42.3694, 9.6979

 83.3540, -41.0935,
-73.1015

 247.2480,
-29.7023, 6.7985

 68.0920, -33.5694,
-59.7167

 250.6680,
-16.5983, 3.7992

 52.8300, -26.0452,
-46.3319

 254.2020, -3.0576,

 38.1550, -18.8104,

0.6998

-33.4619

■ 24.6540, -12.1544,
-21.6216

■ 2.3480, -1.1576,
-2.0592

■ 195.0490,
-88.7642, -43.0160

■ 195.0490,
-88.7642, -43.0160

■ 191.2460,
-94.2843, -45.8197

■ 201.6010,
-79.1763, -38.2381

■ 207.7400,
-69.8778, -33.9750

■ 214.2920,
-60.2900, -29.1971

■ 220.4310,
-50.9915, -24.9340

■ 226.9830,
-41.4036, -20.1561

■ 233.1220,
-32.1051, -15.8930

■ 239.6740,
-22.5173, -11.1151

■ 246.1120,
-13.3662, -6.2372

■ 252.3650, -3.6309,
-2.0741

Harmonies

Analogous

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



210.9560, -104.0013, 37.7496



195.0490, -88.7642, -43.0160



165.6450, -12.6430, -145.2707

Triad

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



195.0490, -88.7642, -43.0160



178.7550, 37.5888, -156.7681



165.5700, 22.8900, 78.4301

Complementary

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



195.0490, -88.7642, -43.0160



74.9510, 88.7642, 43.0160

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.



186.3210, 33.8587, 60.2315



195.0490, -88.7642, -43.0160



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.



195.0490, -88.7642, -43.0160



178.7550, 37.5888, -156.7681



216.8340, 18.8158, 31.7176



173.1820, -29.1767, 71.7544

Rectangle

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



195.0490, -88.7642, -43.0160



173.7390, 18.3697, -152.3691



216.8340, 18.8158, 31.7176



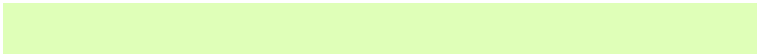
170.6200, 37.1623, 74.0013

Sweetspot

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



195.0490, -88.7642, -43.0160



237.3380, -26.2956, -12.5744



150.1560, -66.6319, 91.9482



117.0040, -16.2710, -7.8965



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.



195.0490, -88.7642, -43.0160



191.2460, -94.2843, -45.8197



159.4680, -71.2227, -116.1744



124.7240, -4.7939, -2.3889



143.2130, -70.6040, -34.3898



48.0330, -23.6803, -11.4299

Inverse Universe

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



74.9510, 88.7642, 43.0160



63.7540, 94.2843, 45.8197



110.5320, 71.2227, 116.1744



118.2760, 4.7939, 2.3889



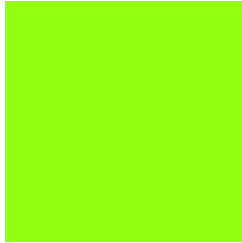
47.7870, 70.6040, 34.3898



15.9670, 23.6803, 11.4299

Previews

White Background



This preview shows how the YUV color 195.0490, -88.7642, -43.0160 looks on a white background.

Color Contrast Check

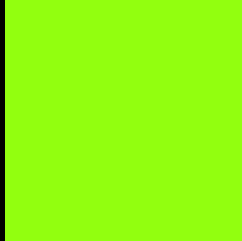
Large Text (above 18pt) WCAG AA × Fail

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 195.0490, -88.7642, -43.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

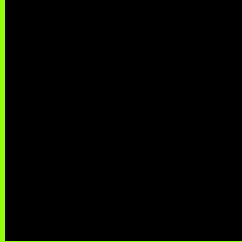
Any Text WCAG AA ✓ Pass

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 195.0490, -88.7642, -43.0160 Background



This preview shows how black text looks on a background with the YUV color 195.0490, -88.7642, -43.0160.



This preview shows how white text looks on a background with the YUV color 195.0490, -88.7642, -43.0160.

-43.0160.

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

195.0490, -88.7642, -43.0160

Protanopia

214.5100, -84.0614, 35.5097

Deuteranopia

226.5090, -25.3939, 24.9866



Tritanopia

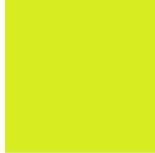
221.4110, 16.5594, -38.0714

Trichromacy



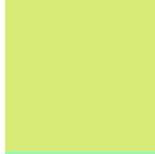
Original Color

195.0490, -88.7642, -43.0160



Protanomaly

207.1660, -85.8638, 6.8704



Deuteranomaly

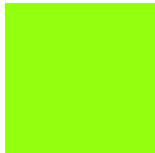
214.9810, -48.3046, 0.0167



Tritanomaly

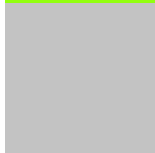
212.0140, -21.6989, -40.3543

Monochromacy



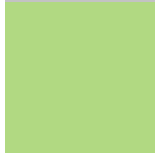
Original Color

195.0490, -88.7642, -43.0160



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.1220, -32.1051, -15.8930

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.0490, -88.7642, -43.0160 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(146, 255, 15)` looks like.

```
.text, #text, p{  
    color:rgb(146, 255, 15)  
}
```

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(146, 255, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 255, 15) }
```

Border

The CSS property to change the border of an element to YUV 195.0490, -88.7642, -43.0160 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(146, 255, 15) }
```


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

```
.border{ border-color:rgb(146, 255, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 255, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 255, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 255, 15);  
box-shadow:4px 4px 4px 4px rgb(146, 255,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 195.0490, -88.7642, -43.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 255, 15) }
```

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

```
.background{ background-color: rgb(146,  
255, 15) }
```

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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