

Converting Colors

YUV(191.3380, -66.7216,
-19.5904)

Have a look what the booklet for
YUV(191.3380, -66.7216, -19.5904)
contains.

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Color

**YUV(191.3380, -66.7216,
-19.5904)**

Conversions

Conversions Part 1

Format	Color
Hex	A9E538
RGB	169, 229, 56
RGB Percent	66%, 90%, 22%
CMY	0.3373, 0.1020, 0.7804
CMYK	0.26, 0.00, 0.76, 0.10
HSL	81°, 77%, 56%
HSV	81°, 76%, 90%
XYZ	45.0953, 64.7592, 13.8644
YIQ	191.3380, 19.7730, -66.5230

Conversions

Conversions Part 2

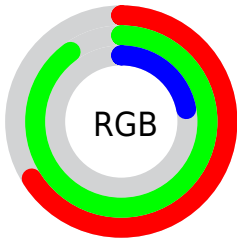
Format	Color
RYB	56, 229, 116
Decimal	11134264
CIELab	84.36, -42.61, 72.42
CIELCh	84, 84.022, 120.474
Yxy	64.7592, 0.3645, 0.5234
Android (android.graphics.Color)	4289324344 (0xFFA9E538)
YUV	191.3380, -66.7216, -19.5904
Hunter-Lab	80.4731, -40.8005, 46.1163

Details

The YUV color **191.3380, -66.7216, -19.5904** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **93.6620, 66.7216, 19.5904**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9670, -57.1717, -2.6021**, and **134.7400, -66.4268, -20.8200** is the 20% darker color. If you saturate the color by 10%, you get **186.3240, -75.5887, -22.2091**, and if you desaturate by 10%, it is **196.3520, -57.8545, -16.9717**.

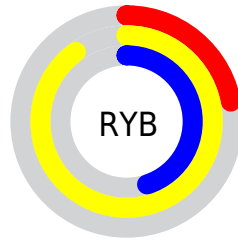
Distribution



Red (66%)

Green (90%)

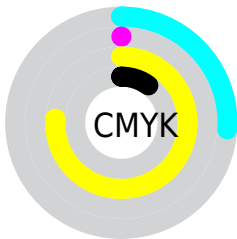
Blue (22%)



Red (22%)

Yellow (90%)

Blue (45%)

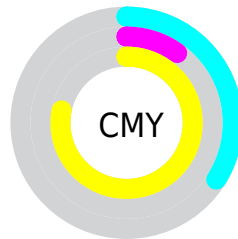


Cyan (26%)

Magenta (0%)

Yellow (76%)

Black (10%)



Cyan (34%)

Magenta (10%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.3380, -66.7216, -19.5904 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 191.3380, -66.7216, -19.5904 by changing the saturation by 10% instead.

■ 191.3380,
-66.7216, -19.5904

■ 191.3380,
-66.7216, -19.5904

■ 255.0000, 0.0000,
0.0000

■ 161.5570,
-72.2526, -18.9055

■ 230.9670,
-57.1717, -2.6021

■ 134.7400,
-66.4268, -20.8200

■ 242.3460,
-48.4846, 11.0976

■ 110.5190,
-54.4859, -24.1342

■ 245.6520,
-35.8174, 8.1982

■ 86.2870, -42.5395,
-29.1927

■ 248.9580,
-23.1503, 5.2988

■ 60.5490, -29.8507,
-39.0695

■ 252.2640,
-10.4832, 2.3995

■ 41.6770, -20.5468,
-36.5507

■ 28.1760, -13.8908,

-24.7104

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 191.3380,
-66.7216, -19.5904

■ 191.3380,
-66.7216, -19.5904

■ 186.3240,
-75.5887, -22.2091

■ 196.3520,
-57.8545, -16.9717

■ 181.3100,
-84.4558, -24.8279

■ 201.3660,
-48.9874, -14.3530

■ 179.2730,
-88.3816, -25.6724

■ 206.3800,
-40.1203, -11.7343

■ 211.3940,
-31.2532, -9.1155

■ 216.4080,
-22.3861, -6.4968

■ 221.3080,
-13.9558, -3.7781

■ 226.3220, -5.0887,
-1.1594

■ 231.3360, 3.7784,
1.4593

■ 235.2530, 9.7353,
4.1631

Harmonies

Analogous

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



196.9150, -91.6561, 44.8015



191.3380, -66.7216, -19.5904



156.6460, -14.1225, -137.3785

Triad

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



191.3380, -66.7216, -19.5904



168.7760, 42.5084, -148.0166



177.4240, 17.5390, 68.0342

Complementary

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



191.3380, -66.7216, -19.5904



93.6620, 66.7216, 19.5904

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.



195.1260, 29.5179, 52.5095



191.3380, -66.7216, -19.5904



157.6230, 48.0069, -138.2354

Square

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



191.3380, -66.7216, -19.5904



174.0590, 39.9039, -152.6497



202.8030, 25.7331, 6.3118



176.1630, -20.2934, 69.1400

Rectangle

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



191.3380, -66.7216, -19.5904



165.1500, 8.3071, -144.8365



202.8030, 25.7331, 6.3118



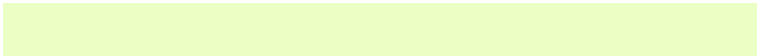
182.7360, 27.7382, 63.3755

Sweetspot

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



191.3380, -66.7216, -19.5904



242.2940, -22.8229, -6.3968



141.7730, -42.2861, 76.4981



120.0090, -13.8084, -4.3929



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.



191.3380, -66.7216, -19.5904



204.6320, -89.5446, -25.9873



166.2220, -54.3394, -71.2317



112.4360, -4.6519, -1.2594



140.0560, -69.0476, -20.2201



39.8040, -19.6234, -5.9671

Inverse Universe

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



93.6620, 66.7216, 19.5904



73.3680, 89.5446, 25.9873



118.7780, 54.3394, 71.2317



105.5640, 4.6519, 1.2594



38.9440, 69.0476, 20.2201



11.1960, 19.6234, 5.9671

Previews

White Background



This preview shows how the YUV color 191.3380, -66.7216, -19.5904 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 191.3380, -66.7216, -19.5904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

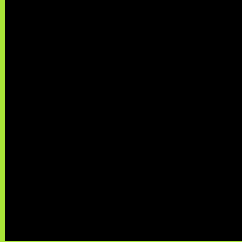
Any Text WCAG AA ✓ Pass

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 191.3380, -66.7216, -19.5904 Background



This preview shows how black text looks on a background with the YUV color 191.3380, -66.7216, -19.5904.



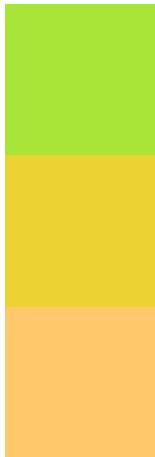
This preview shows how white text looks on a background with the YUV color 191.3380, -66.7216, -19.5904.

-19.5904.

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

191.3380, -66.7216, -19.5904

Protanopia

199.6480, -73.2835, 31.8807

Deuteranopia

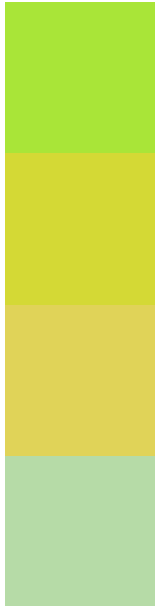
206.4300, -49.0190, 42.5959



Tritanopia

207.7620, 10.9633, -16.4543

Trichromacy



Original Color

191.3380, -66.7216, -19.5904

Protanomaly

196.8090, -70.8978, 13.3225

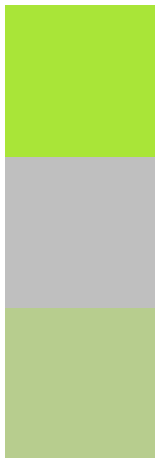
Deuteranomaly

200.8650, -55.6424, 20.2894

Tritanomaly

202.0090, -17.2594, -17.5479

Monochromacy



Original Color

191.3380, -66.7216, -19.5904

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.2400, -24.2753, -7.2265

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.3380, -66.7216, -19.5904 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(169, 229, 56)` looks like.

```
.text, #text, p{  
    color:rgb(169, 229, 56)  
}
```

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(169, 229, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 229, 56) }
```

Border

The CSS property to change the border of an element to YUV 191.3380, -66.7216, -19.5904 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(169, 229, 56) }
```


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

```
.border{ border-color:rgb(169, 229, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 229, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 229, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 229, 56);  
box-shadow:4px 4px 4px 4px rgb(169, 229,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 191.3380, -66.7216, -19.5904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 229, 56) }
```

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

```
.background{ background-color: rgb(169,  
229, 56) }
```

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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