

Converting Colors

YUV(199.9550, -45.8268,
-48.1955)

Have a look what the booklet for
YUV(199.9550, -45.8268, -48.1955)
contains.

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Color

**YUV(199.9550, -45.8268,
-48.1955)**

Conversions

Conversions Part 1

Format	Color
Hex	91F66B
RGB	145, 246, 107
RGB Percent	57%, 96%, 42%
CMY	0.4314, 0.0353, 0.5804
CMYK	0.41, 0.00, 0.57, 0.04
HSL	104°, 89%, 69%
HSV	104°, 57%, 96%
XYZ	47.2867, 72.9928, 25.5067
YIQ	199.9550, -15.5770, -64.6410

Conversions

Conversions Part 2

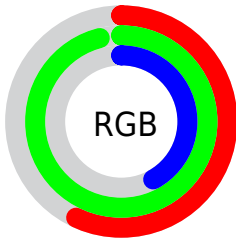
Format	Color
RYB	107, 246, 208
Decimal	9565803
CIELab	88.44, -54.00, 56.79
CIELCh	88, 78.363, 133.560
Yxy	72.9928, 0.3244, 0.5007
Android (android.graphics.Color)	4287755883 (0xFF91F66B)
YUV	199.9550, -45.8268, -48.1955
Hunter-Lab	85.4358, -50.7173, 42.1042

Details

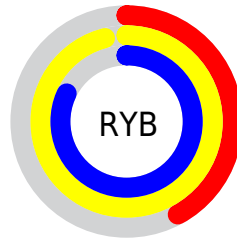
The YUV color **199.9550, -45.8268, -48.1955** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **153.0450, 45.8268, 48.1955**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1490, -33.1045, -22.0557**, and **142.5850, -44.6584, -49.6250** is the 20% darker color. If you saturate the color by 10%, you get **191.7230, -54.0934, -56.7621**, and if you desaturate by 10%, it is **208.1870, -37.5602, -39.6290**.

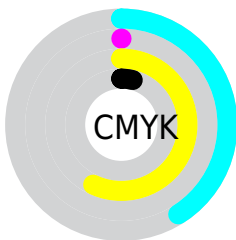
Distribution



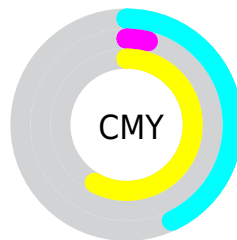
- Red (57%)
- Green (96%)
- Blue (42%)



- Red (42%)
- Yellow (96%)
- Blue (82%)



- Cyan (41%)
- Magenta (0%)
- Yellow (57%)
- Black (4%)



- Cyan (43%)
- Magenta (4%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.9550, -45.8268, -48.1955 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 199.9550, -45.8268, -48.1955 by changing the saturation by 10% instead.

■ 199.9550,
-45.8268, -48.1955

■ 199.9550,
-45.8268, -48.1955

255.0000, 0.0000,
0.0000

■ 171.1830,
-44.9532, -48.3955

■ 229.1490,
-33.1045, -22.0557

■ 142.5850,
-44.6584, -49.6250

■ 241.0120,
-25.1489, -7.0265

■ 112.9330,
-45.8160, -51.6842

■ 250.8960,
-15.7247, 3.5992

■ 80.1530, -39.5154,
-65.9092

■ 254.2020, -3.0576,
0.6998

■ 63.3960, -31.2542,
-55.5983

■ 48.7210, -24.0195,
-42.7283

■ 34.6330, -17.0741,

-30.3731

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 199.9550,
-45.8268, -48.1955

■ 199.9550,
-45.8268, -48.1955

■ 191.7230,
-54.0934, -56.7621

■ 208.1870,
-37.5602, -39.6290

■ 183.6050,
-61.9233, -65.4286

■ 216.3050,
-29.7304, -30.9625

■ 175.3730,
-70.1899, -73.9951

■ 224.5370,
-21.4637, -22.3959

■ 167.5540,
-78.1671, -82.0469

■ 232.3560,
-13.4865, -14.3442

■ 164.4350,
-81.0665, -85.4505

■ 240.5880, -5.2199,
-5.7777

■ 248.8200, 3.0467,
2.7889

■ 249.7170, 2.6045,
4.6332

Harmonies

Analogous

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



209.8480, -73.3821, 16.7963



199.9550, -45.8268, -48.1955



169.8630, 3.5185, -148.9699

Triad

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



199.9550, -45.8268, -48.1955



171.1240, 41.3509, -150.0757



187.8300, 1.5628, 58.9081

Complementary

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



199.9550, -45.8268, -48.1955



153.0450, 45.8268, 48.1955

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.



198.6480, 27.7815, 49.4207



199.9550, -45.8268, -48.1955



200.0810, 27.0751, -50.9370

Square

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



199.9550, -45.8268, -48.1955



178.1680, 37.8782, -156.2533



215.6710, 19.3892, 34.4915



191.7040, -34.3641, 55.5106

Rectangle

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



199.9550, -45.8268, -48.1955



175.7910, 26.2320, -154.1687



215.6710, 19.3892, 34.4915



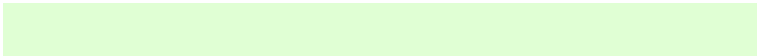
190.0930, 12.7722, 56.9234

Sweetspot

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



199.9550, -45.8268, -48.1955



240.8290, -14.2127, -14.7590



207.2610, -49.4287, 33.9741



119.3550, -8.5560, -9.0813



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.



199.9550, -45.8268, -48.1955



197.6040, -56.9928, -60.1657



192.0130, -27.1214, -74.5564



118.2400, -4.0623, -3.7185



124.4310, -61.3445, -64.3990



39.4170, -19.4326, -20.5367

Inverse Universe

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



153.0450, 45.8268, 48.1955



139.3960, 56.9928, 60.1657



160.9870, 27.1214, 74.5564



114.0590, 3.9149, 4.3333



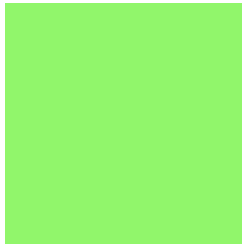
61.5690, 61.3445, 64.3990



19.5830, 19.4326, 20.5367

Previews

White Background



This preview shows how the YUV color 199.9550, -45.8268, -48.1955 looks on a white background.

Color Contrast Check

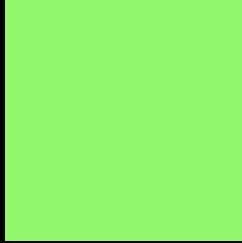
Large Text (above 18pt) WCAG AA × Fail

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 199.9550, -45.8268, -48.1955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

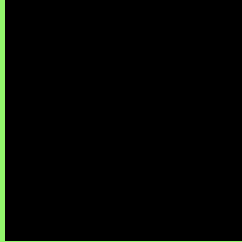
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

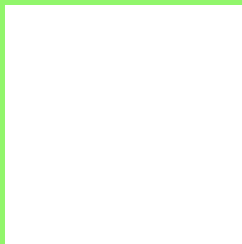
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.9550, -45.8268, -48.1955 Background



This preview shows how black text looks on a background with the YUV color 199.9550, -45.8268, -48.1955.



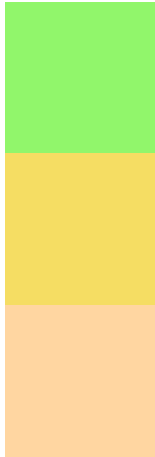
This preview shows how white text looks on a background with the YUV color 199.9550, -45.8268, -48.1955.

-48.1955.

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

199.9550, -45.8268, -48.1955

Protanopia

214.2680, -56.8271, 26.9520

Deuteranopia

220.2170, -29.1940, 30.5047



Tritanopia

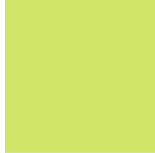
214.9270, 17.2910, -39.4010

Trichromacy



Original Color

199.9550, -45.8268, -48.1955



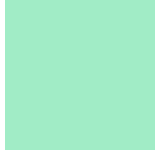
Protanomaly

209.1290, -52.8146, -0.1131



Deuteranomaly

213.0210, -35.5064, 1.7356



Tritanomaly

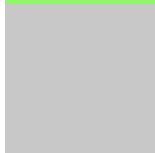
209.2430, -5.5428, -42.3091

Monochromacy



Original Color

199.9550, -45.8268, -48.1955



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.1230, -16.8226, -17.6479

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9550, -45.8268, -48.1955 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(145, 246, 107)` looks like.

```
.text, #text, p{  
    color:rgb(145, 246, 107)  
}
```

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(145, 246, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 246, 107) }
```

Border

The CSS property to change the border of an element to YUV 199.9550, -45.8268, -48.1955 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(145, 246, 107) }
```


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

```
.border{ border-color:rgb(145, 246, 107) }
```

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

Here you see how a box with a 4 pixel rgb(145, 246, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 246, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 246, 107);  
box-shadow:4px 4px 4px 4px rgb(145, 246,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 199.9550, -45.8268, -48.1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 246, 107) }
```

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

```
.background{ background-color: rgb(145,  
246, 107) }
```

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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