

Converting Colors

YUV(195.2550, -20.8317,
-85.2926)

Have a look what the booklet for
YUV(195.2550, -20.8317, -85.2926)
contains.

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Color

**YUV(195.2550, -20.8317,
-85.2926)**

Conversions

Conversions Part 1

Format	Color
Hex	62FD99
RGB	98, 253, 153
RGB Percent	38%, 99%, 60%
CMY	0.6157, 0.0078, 0.4000
CMYK	0.61, 0.00, 0.40, 0.01
HSL	141°, 97%, 69%
HSV	141°, 61%, 99%
XYZ	45.9121, 75.1471, 42.2220
YIQ	195.2550, -60.2800, -63.9600

Conversions

Conversions Part 2

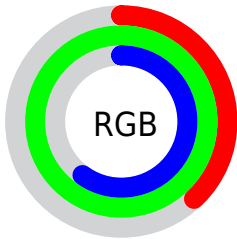
Format	Color
RYB	98, 212, 253
Decimal	6487449
CIELab	89.46, -62.26, 35.99
CIElCh	89, 71.915, 149.974
Yxy	75.1471, 0.2812, 0.4602
Android (android.graphics.Color)	4284677529 (0xFF62FD99)
YUV	195.2550, -20.8317, -85.2926
Hunter-Lab	86.6874, -57.1645, 31.8034

Details

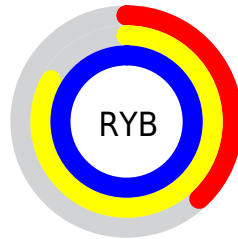
The YUV color **195.2550, -20.8317, -85.2926** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **155.7450, 20.8317, 85.2926**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5360, -6.6732, -53.0901**, and **125.9790, -12.3146, -110.4836** is the 20% darker color. If you saturate the color by 10%, you get **185.9560, -24.1353, -99.0624**, and if you desaturate by 10%, it is **204.5540, -17.5281, -71.5229**.

Distribution



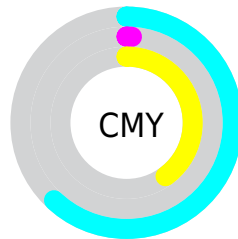
- Red (38%)
- Green (99%)
- Blue (60%)



- Red (38%)
- Yellow (83%)
- Blue (99%)



- Cyan (61%)
- Magenta (0%)
- Yellow (40%)
- Black (1%)



- Cyan (62%)
- Magenta (1%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.2550, -20.8317, -85.2926 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 195.2550, -20.8317, -85.2926 by changing the saturation by 10% instead.

■ 195.2550,
-20.8317, -85.2926

■ 195.2550,
-20.8317, -85.2926

■ 255.0000, 0.0000,
0.0000

■ 164.3900,
-18.9263, -89.7960

■ 221.5360, -6.6732,
-53.0901

■ 125.9790,
-12.3146, -110.4836

■ 234.1110, 1.4243,
-36.9313

■ 106.6930,
-15.1316, -93.5698

■ 245.1330, 4.8644,
-20.2876

■ 87.9940, -18.2380,
-77.1707

■ 254.4020, 0.2948,
-1.2296

■ 69.2950, -21.3444,
-60.7717

■ 51.0690, -25.1770,
-44.7875

■ 36.3940, -17.9422,

-31.9175

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 195.2550,
-20.8317, -85.2926

■ 195.2550,
-20.8317, -85.2926

■ 185.9560,
-24.1353, -99.0624

■ 204.5540,
-17.5281, -71.5229

■ 176.2440,
-27.7283, -113.3470

■ 214.2660,
-13.9351, -57.2383

■ 166.9450,
-31.0319, -127.1168

■ 223.5650,
-10.6315, -43.4685

■ 158.7710,
-33.9041, -139.2422

■ 232.8640, -7.3280,
-29.6987

 242.5760, -3.7350,
-15.4142

 251.8750, -0.4314,
-1.6444

 253.8260, 0.5788,
1.0296

Harmonies

Analogous

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



210.7590, -55.0972, -14.6976



195.2550, -20.8317, -85.2926



175.1070, 23.6112, -153.5688

Triad

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



195.2550, -20.8317, -85.2926



184.0910, 34.9581, -106.1968



194.8620, -17.1870, 52.7410

Complementary

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



195.2550, -20.8317, -85.2926



155.7450, 20.8317, 85.2926

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.



197.9180, 14.8304, 50.0609



195.2550, -20.8317, -85.2926



218.4520, 18.0182, 7.4966

Square

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



195.2550, -20.8317, -85.2926



175.2330, 39.3251, -153.6793



210.3880, 21.9937, 39.1247



203.2670, -48.4456, 45.3698

Rectangle

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



195.2550, -20.8317, -85.2926



178.7550, 37.5888, -156.7681



210.3880, 21.9937, 39.1247



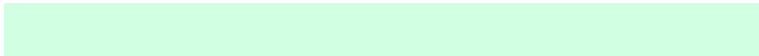
194.4350, -6.1305, 53.1155

Sweetspot

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



195.2550, -20.8317, -85.2926



237.8260, -6.3232, -25.2804



219.1840, -59.7437, -17.7014



117.1630, -4.0244, -15.9290



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.



195.2550, -20.8317, -85.2926



184.5810, -25.4294, -103.9955



204.0330, 12.8017, -92.9909



123.0870, -2.0149, -7.0923



119.8690, -25.5714, -105.1251



40.1900, -8.4747, -35.2466

Inverse Universe

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



155.7450, 20.8317, 85.2926



136.4190, 25.4294, 103.9955



146.9670, -12.8017, 92.9909



119.7990, 1.5781, 7.1923



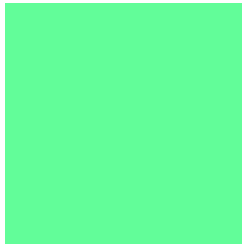
71.1310, 25.5714, 105.1251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 195.2550, -20.8317, -85.2926 looks on a white background.

Color Contrast Check

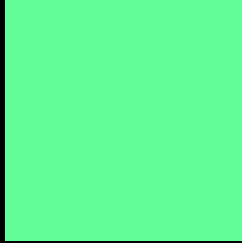
Large Text (above 18pt) WCAG AA × Fail

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 195.2550, -20.8317, -85.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

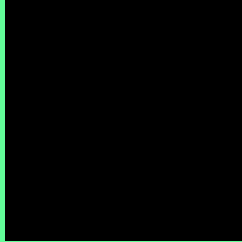
Any Text WCAG AA ✓ Pass

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 195.2550, -20.8317, -85.2926 Background



This preview shows how black text looks on a background with the YUV color 195.2550, -20.8317, -85.2926.



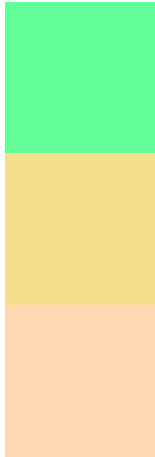
This preview shows how white text looks on a background with the YUV color 195.2550, -20.8317, -85.2926.

-85.2926.

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

195.2550, -20.8317, -85.2926

Protanopia

219.6320, -38.7656, 20.4937

Deuteranopia

223.4430, -21.9104, 27.6755



Tritanopia

212.7290, 20.8396, -57.6443

Trichromacy



Original Color

195.2550, -20.8317, -85.2926



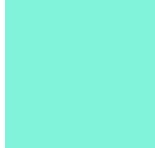
Protanomaly

210.6980, -32.3891, -18.1521



Deuteranomaly

213.0050, -21.2015, -13.1594



Tritanomaly

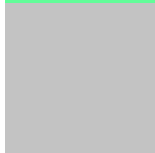
206.0640, 5.8844, -67.5851

Monochromacy



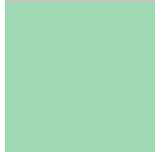
Original Color

195.2550, -20.8317, -85.2926



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.1520, -7.4699, -30.8283

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.2550, -20.8317, -85.2926 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(98, 253, 153)` looks like.

```
.text, #text, p{  
    color:rgb(98, 253, 153)  
}
```

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(98, 253, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 253, 153) }
```

Border

The CSS property to change the border of an element to YUV 195.2550, -20.8317, -85.2926 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(98, 253, 153) }
```


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

```
.border{ border-color:rgb(98, 253, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 253, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 253, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 253, 153);  
box-shadow:4px 4px 4px 4px rgb(98, 253,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 195.2550, -20.8317, -85.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 253, 153) }
```

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

```
.background{ background-color: rgb(98, 253,  
153) }
```

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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