

Converting Colors

YUV(198.1670, -17.3373,
-86.0925)

Have a look what the booklet for
YUV(198.1670, -17.3373, -86.0925)
contains.

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Color

**YUV(198.1670, -17.3373,
-86.0925)**

Conversions

Conversions Part 1

Format	Color
Hex	64FFA3
RGB	100, 255, 163
RGB Percent	39%, 100%, 64%
CMY	0.6078, 0.0000, 0.3608
CMYK	0.61, 0.00, 0.36, 0.00
HSL	144°, 100%, 70%
HSV	144°, 61%, 100%
XYZ	47.6264, 76.8737, 46.9783
YIQ	198.1670, -62.8480, -61.4720

Conversions

Conversions Part 2

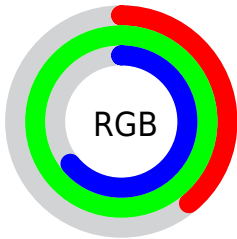
Format	Color
RYB	100, 210, 255
Decimal	6619043
CIELab	90.26, -60.90, 32.09
CIELCh	90, 68.831, 152.215
Yxy	76.8737, 0.2777, 0.4483
Android (android.graphics.Color)	4284809123 (0xFF64FFA3)
YUV	198.1670, -17.3373, -86.0925
Hunter-Lab	87.6776, -56.4749, 29.6064

Details

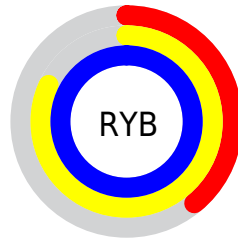
The YUV color **198.1670, -17.3373, -86.0925** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **156.8330, 17.3373, 86.0925**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.2740, -2.6001, -52.8603**, and **129.0760, -9.4045, -110.5687** is the 20% darker color. If you saturate the color by 10%, you get **188.9820, -20.2041, -99.9622**, and if you desaturate by 10%, it is **207.3520, -14.4705, -72.2227**.

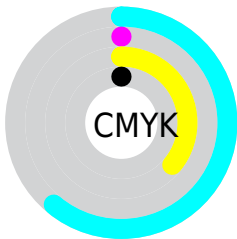
Distribution



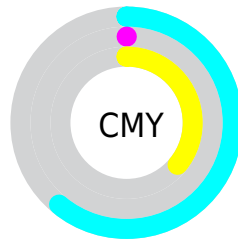
- Red (39%)
- Green (100%)
- Blue (64%)



- Red (39%)
- Yellow (82%)
- Blue (100%)



- Cyan (61%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (61%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1670, -17.3373, -86.0925 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 198.1670, -17.3373, -86.0925 by changing the saturation by 10% instead.

■ 198.1670,
-17.3373, -86.0925

■ 198.1670,
-17.3373, -86.0925

255.0000, 0.0000,
0.0000

■ 167.3020,
-15.4319, -90.5959

■ 223.2740, -2.6001,
-52.8603

■ 129.0760, -9.4045,
-110.5687

■ 235.8490, 5.4974,
-36.7016

■ 108.8930,
-11.7792, -95.4992

■ 245.7310, 4.5696,
-19.0581

■ 90.3080, -14.4488,
-79.2001

■ 71.7230, -17.1184,
-62.9011

■ 53.6110, -20.5142,
-47.0168

■ 37.5680, -18.5210,

-32.9471

■ 24.0670, -11.8650,
-21.1068

■ 1.1740, -0.5788,
-1.0296

■ 198.1670,
-17.3373, -86.0925

■ 198.1670,
-17.3373, -86.0925

■ 188.9820,
-20.2041, -99.9622

■ 207.3520,
-14.4705, -72.2227

■ 179.4980,
-22.9235, -114.4467

■ 216.8360,
-11.7511, -57.7382

■ 170.3130,
-25.7903, -128.3165

■ 226.3200, -9.0318,
-43.2536

■ 161.5410,
-28.3677, -141.6715

■ 235.6190, -5.7282,
-29.4839

■ 244.8040, -2.8614,
-15.6141

■ 254.2880, -0.1420,
-1.1296

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



213.1760, -50.8658, -18.5714



198.1670, -17.3373, -86.0925



175.9050, 26.6688, -154.2687

Triad

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



198.1670, -17.3373, -86.0925



197.2360, 28.4777, -80.8910



198.9710, -19.2127, 49.1374

Complementary

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



198.1670, -17.3373, -86.0925



156.8330, 17.3373, 86.0925

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.



201.0980, 11.7837, 47.2721



198.1670, -17.3373, -86.0925



222.0290, 16.2547, 13.1296

Square

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



198.1670, -17.3373, -86.0925



175.8200, 39.0357, -154.1941



212.1490, 21.1255, 37.5803



206.7720, -47.7086, 42.2960

Rectangle

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



198.1670, -17.3373, -86.0925



178.7550, 37.5888, -156.7681



212.1490, 21.1255, 37.5803



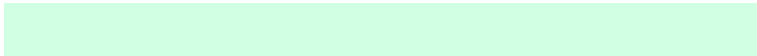
198.4300, -8.5930, 49.6119

Sweetspot

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



198.1670, -17.3373, -86.0925



238.1680, -5.0128, -25.5803



218.7920, -58.5645, -22.6196



117.3910, -3.1508, -16.1289



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.



198.1670, -17.3373, -86.0925



186.8460, -20.6301, -103.3509



206.9450, 16.2961, -93.7908



123.2010, -1.5781, -7.1923



121.0090, -21.2034, -106.1249



40.5320, -7.1643, -35.5466

Inverse Universe

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



156.8330, 17.3373, 86.0925



137.1540, 20.6301, 103.3509



148.1690, -15.8593, 93.6908



119.6850, 1.1413, 7.2923



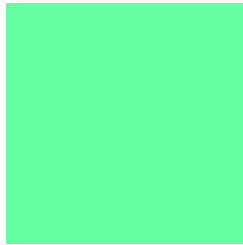
70.1050, 21.6402, 106.0249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 198.1670, -17.3373, -86.0925 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 198.1670, -17.3373, -86.0925 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 198.1670, -17.3373, -86.0925 Background



This preview shows how black text looks on a background with the YUV color 198.1670, -17.3373, -86.0925.



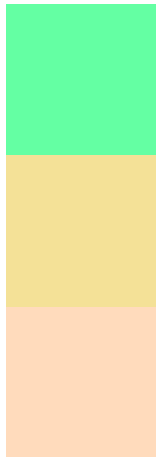
This preview shows how white text looks on a background with the YUV color 198.1670, -17.3373, -86.0925.

-86.0925.

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

198.1670, -17.3373, -86.0925

Protanopia

222.2450, -35.1238, 19.0791

Deuteranopia

226.2300, -18.8474, 25.2313



Tritanopia

216.3060, 19.0761, -52.0114

Trichromacy



Original Color

198.1670, -17.3373, -86.0925



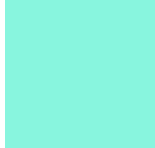
Protanomaly

213.6100, -28.8947, -18.9520



Deuteranomaly

216.0910, -18.2859, -14.9888



Tritanomaly

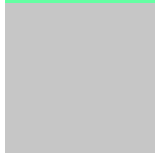
209.7870, 6.0210, -64.7112

Monochromacy



Original Color

198.1670, -17.3373, -86.0925



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.0810, -6.4489, -31.6430

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1670, -17.3373, -86.0925 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(100, 255, 163)` looks like.

```
.text, #text, p{  
    color:rgb(100, 255, 163)  
}
```

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(100, 255, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 255, 163) }
```

Border

The CSS property to change the border of an element to YUV 198.1670, -17.3373, -86.0925 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(100, 255, 163) }
```


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

```
.border{ border-color:rgb(100, 255, 163) }
```

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

Here you see how a box with a 4 pixel rgb(100, 255, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 255, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 255, 163);  
box-shadow:4px 4px 4px 4px rgb(100, 255,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 198.1670, -17.3373, -86.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 255, 163) }
```

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

```
.background{ background-color: rgb(100,  
255, 163) }
```

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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