

Converting Colors

YUV(198.5000, -15.5295,
-59.1975)

Have a look what the booklet for
YUV(198.5000, -15.5295, -59.1975)
contains.

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Color

**YUV(198.5000, -15.5295,
-59.1975)**

Conversions

Conversions Part 1

Format	Color
Hex	83EFA7
RGB	131, 239, 167
RGB Percent	51%, 94%, 65%
CMY	0.4863, 0.0627, 0.3451
CMYK	0.45, 0.00, 0.30, 0.06
HSL	140°, 77%, 73%
HSV	140°, 45%, 94%
XYZ	47.2016, 69.3483, 47.4570
YIQ	198.5000, -41.2560, -45.2880

Conversions

Conversions Part 2

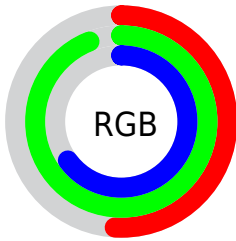
Format	Color
RYB	131, 212, 239
Decimal	8646567
CIELab	86.68, -46.62, 25.39
CIElCh	87, 53.083, 151.426
Yxy	69.3483, 0.2878, 0.4228
Android (android.graphics.Color)	4286836647 (0xFF83EFA7)
YUV	198.5000, -15.5295, -59.1975
Hunter-Lab	83.2756, -44.5564, 24.5049

Details

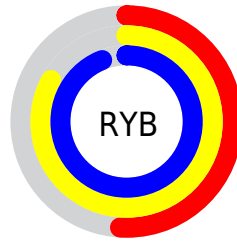
The YUV color **198.5000, -15.5295, -59.1975** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **171.5000, 15.5295, 59.1975**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5040, -4.6855, -37.2760**, and **141.7710, -13.1981, -60.3122** is the 20% darker color. If you saturate the color by 10%, you get **189.5000, -18.9805, -72.3525**, and if you desaturate by 10%, it is **207.5000, -12.0785, -46.0425**.

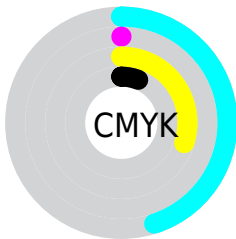
Distribution



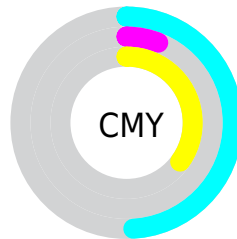
- Red (51%)
- Green (94%)
- Blue (65%)



- Red (51%)
- Yellow (83%)
- Blue (94%)



- Cyan (45%)
- Magenta (0%)
- Yellow (30%)
- Black (6%)



- Cyan (49%)
- Magenta (6%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.5000, -15.5295, -59.1975 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 198.5000, -15.5295, -59.1975 by changing the saturation by 10% instead.

198.5000,
-15.5295, -59.1975

198.5000,
-15.5295, -59.1975

255.0000, 0.0000,
0.0000

169.7280,
-14.6559, -59.3975

231.5040, -4.6855,
-37.2760

141.7710,
-13.1981, -60.3122

243.4810, 3.7069,
-22.3468

113.2050,
-11.4401, -64.2008

252.9070, 1.0318,
-4.3034

82.6600, -8.2134,
-72.4928

64.7760, -10.7356,
-56.8086

47.4790, -13.5471,
-41.6391

31.1110, -15.3377,

-27.2843

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 198.5000,
-15.5295, -59.1975

■ 198.5000,
-15.5295, -59.1975

■ 189.5000,
-18.9805, -72.3525

■ 207.5000,
-12.0785, -46.0425

■ 180.5000,
-22.4315, -85.5075

■ 216.5000, -8.6275,
-32.8875

■ 171.5000,
-25.8825, -98.6625

■ 225.5000, -5.1765,
-19.7325

■ 162.5000,
-29.3335, -111.8175

■ 234.5000, -1.7255,
-6.5775

■ 153.5000,
-32.7845, -124.9725

■ 243.2010, 1.8729,
5.9627

■ 149.4130,
-34.2206, -131.0352

■ 245.6080, 4.6303,
8.2368

Harmonies

Analogous

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



207.6080, -39.2467, -11.9342



198.5000, -15.5295, -59.1975



172.2770, 22.5414, -137.0549

Triad

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



198.5000, -15.5295, -59.1975



200.6570, 26.7911, -53.1962



201.5300, -17.0233, 46.8932

Complementary

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



198.5000, -15.5295, -59.1975



171.5000, 15.5295, 59.1975

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.



204.2950, 6.2636, 44.4683



198.5000, -15.5295, -59.1975



215.5060, 19.4705, 8.3262

Square

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



198.5000, -15.5295, -59.1975



167.0150, 43.3766, -146.4722



213.9100, 20.2574, 36.0359



206.5900, -38.2519, 42.4556

Rectangle

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



198.5000, -15.5295, -59.1975



171.3690, 39.7511, -150.2906



213.9100, 20.2574, 36.0359



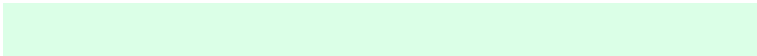
201.5930, -9.1663, 46.8379

Sweetspot

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



198.5000, -15.5295, -59.1975



241.5000, -5.1765, -19.7325



215.9240, -41.8675, -11.3343



119.7120, -3.3090, -12.0254



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.



198.5000, -15.5295, -59.1975



203.2500, -19.8433, -75.6412



204.6560, 8.0576, -64.5963



115.5000, -1.7255, -6.5775



114.9620, -26.6033, -100.8217



35.0380, -7.9067, -30.7283

Inverse Universe

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



171.5000, 15.5295, 59.1975



168.7500, 19.8433, 75.6413



165.3440, -8.0576, 64.5963



112.5000, 1.7255, 6.5775



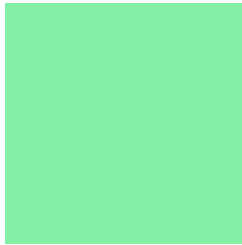
68.9240, 26.1665, 100.9217



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 198.5000, -15.5295, -59.1975 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 198.5000, -15.5295, -59.1975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

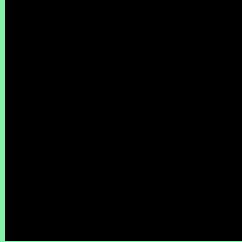
Any Text WCAG AA ✓ Pass

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 198.5000, -15.5295, -59.1975 Background



This preview shows how black text looks on a background with the YUV color 198.5000, -15.5295, -59.1975.



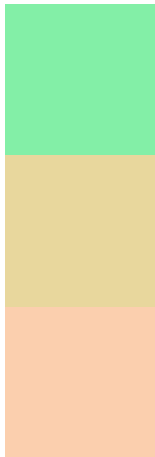
This preview shows how white text looks on a background with the YUV color 198.5000, -15.5295, -59.1975.

-59.1975.

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

198.5000, -15.5295, -59.1975

Protanopia

213.4710, -27.8402, 16.2499

Deuteranopia

216.3940, -20.9002, 30.3495



Tritanopia

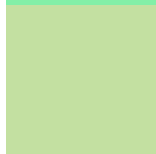
207.4310, 19.5075, -50.3670

Trichromacy



Original Color

198.5000, -15.5295, -59.1975



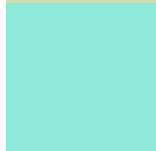
Protanomaly

208.1470, -23.2435, -11.5299



Deuteranomaly

209.9400, -19.1974, -2.5784



Tritanomaly

204.3800, 6.7147, -53.8303

Monochromacy



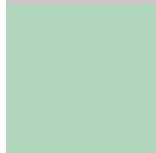
Original Color

198.5000, -15.5295, -59.1975



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.9620, -5.8973, -21.8917

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.5000, -15.5295, -59.1975 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(131, 239, 167)` looks like.

```
.text, #text, p{  
    color:rgb(131, 239, 167)  
}
```

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(131, 239, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 239, 167) }
```

Border

The CSS property to change the border of an element to YUV 198.5000, -15.5295, -59.1975 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(131, 239, 167) }
```


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

```
.border{ border-color:rgb(131, 239, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 239, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 239, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 239, 167);  
box-shadow:4px 4px 4px 4px rgb(131, 239,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 198.5000, -15.5295, -59.1975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 239, 167) }
```

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

```
.background{ background-color: rgb(131,  
239, 167) }
```

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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