

Converting Colors

YUV(198.2530, -54.3547,
-19.5159)

Have a look what the booklet for
YUV(198.2530, -54.3547, -19.5159)
contains.

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Color

**YUV(198.2530, -54.3547,
-19.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E758
RGB	176, 231, 88
RGB Percent	69%, 91%, 35%
CMY	0.3098, 0.0941, 0.6549
CMYK	0.24, 0.00, 0.62, 0.09
HSL	83°, 75%, 63%
HSV	83°, 62%, 91%
XYZ	48.2419, 67.0865, 19.6389
YIQ	198.2530, 13.1230, -56.1330

Conversions

Conversions Part 2

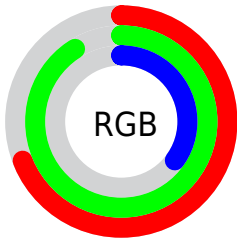
Format	Color
R_{YB}	88, 231, 143
Decimal	11593560
CIE _{Lab}	85.55, -38.87, 62.08
CIE _{LCh}	86, 73.243, 122.048
Yxy	67.0865, 0.3574, 0.4971
Android (android.graphics.Color)	4289783640 (0xFFB0E758)
YUV	198.2530, -54.3547, -19.5159
Hunter-Lab	81.9064, -38.2018, 43.1183

Details

The YUV color **198.2530, -54.3547, -19.5159** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **120.7470, 54.3547, 19.5159**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9530, -45.8258, -1.7128**, and **141.4980, -55.9545, -19.7307** is the 20% darker color. If you saturate the color by 10%, you get **192.9400, -63.0744, -22.7494**, and if you desaturate by 10%, it is **203.5660, -45.6350, -16.2824**.

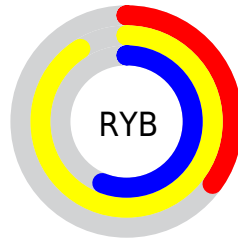
Distribution



Red (69%)

Green (91%)

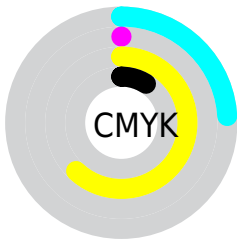
Blue (35%)



Red (35%)

Yellow (91%)

Blue (56%)

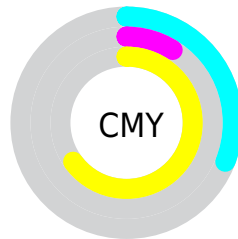


Cyan (24%)

Magenta (0%)

Yellow (62%)

Black (9%)



Cyan (31%)

Magenta (9%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.2530, -54.3547, -19.5159 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 198.2530, -54.3547, -19.5159 by changing the saturation by 10% instead.

■ 198.2530,
-54.3547, -19.5159

■ 198.2530,
-54.3547, -19.5159

255.0000, 0.0000,
0.0000

■ 170.2530,
-54.3547, -19.5159

■ 235.9530,
-45.8258, -1.7128

■ 141.4980,
-55.9545, -19.7307

■ 245.4240,
-36.6910, 8.3982

■ 114.3840,
-56.3913, -19.6308

■ 248.7300,
-24.0239, 5.4988

■ 90.7500, -44.7397,
-23.4597

■ 252.0360,
-11.3567, 2.5994

■ 67.4040, -33.2302,
-28.4183

■ 42.8510, -21.1255,
-37.5803

■ 28.7630, -14.1802,

-25.2252

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 198.2530,
-54.3547, -19.5159

■ 198.2530,
-54.3547, -19.5159

■ 192.9400,
-63.0744, -22.7494

■ 203.5660,
-45.6350, -16.2824

■ 187.6270,
-71.7941, -25.9829

■ 208.8790,
-36.9153, -13.0489

■ 182.3140,
-80.5138, -29.2164

■ 214.1920,
-28.1957, -9.8154

■ 178.0550,
-87.7811, -31.6202

■ 219.5050,
-19.4760, -6.5819

224.5190,
-10.6089, -3.9632

229.9460, -1.4524,
-0.8296

235.2590, 7.2673,
2.4039

238.5200, 8.1246,
7.4370

240.9120, 6.9454,
12.3552

Harmonies

Analogous

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



205.4790, -70.2421, 36.4139



198.2530, -54.3547, -19.5159



179.0300, -16.2838, -97.3733

Triad

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



198.2530, -54.3547, -19.5159



168.7760, 42.5084, -148.0166



188.4630, 11.6037, 58.3529

Complementary

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



198.2530, -54.3547, -19.5159



120.7470, 54.3547, 19.5159

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.



202.1700, 26.0452, 46.3319



198.2530, -54.3547, -19.5159



173.7580, 40.0523, -106.7818

Square

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



198.2530, -54.3547, -19.5159



173.4720, 40.1933, -152.1349



208.7390, 22.8067, 11.6299



186.5810, -20.9924, 60.0035

Rectangle

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



198.2530, -54.3547, -19.5159



166.2900, 12.6750, -145.8363



208.7390, 22.8067, 11.6299



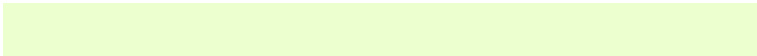
192.2590, 21.0713, 55.0239

Sweetspot

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



198.2530, -54.3547, -19.5159



243.8470, -18.1656, -6.8818



163.0420, -36.9957, 59.5992



120.9920, -11.3351, -4.3780



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.



198.2530, -54.3547, -19.5159



211.6270, -71.7941, -25.9829



177.0240, -43.8888, -63.1650



112.1370, -4.5045, -1.8741



137.9630, -68.0158, -24.5236



39.2060, -19.3286, -7.1967

Inverse Universe

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



120.7470, 54.3547, 19.5159



109.3730, 71.7941, 25.9829



141.9760, 43.8888, 63.1650



105.8630, 4.5045, 1.8741



41.0370, 68.0158, 24.5236



11.7940, 19.3286, 7.1967

Previews

White Background



This preview shows how the YUV color 198.2530, -54.3547, -19.5159 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 198.2530, -54.3547, -19.5159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

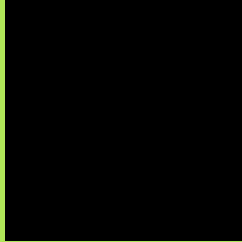
Any Text WCAG AA ✓ Pass

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 198.2530, -54.3547, -19.5159 Background



This preview shows how black text looks on a background with the YUV color 198.2530, -54.3547, -19.5159.



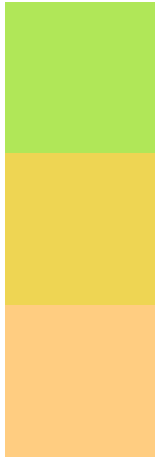
This preview shows how white text looks on a background with the YUV color 198.2530, -54.3547, -19.5159.

-19.5159.

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

198.2530, -54.3547, -19.5159

Protanopia

205.6550, -60.4689, 28.3666

Deuteranopia

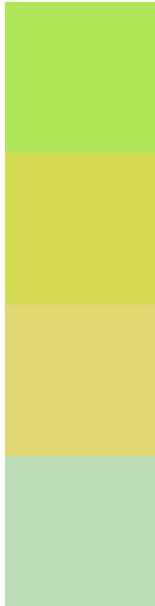
211.2860, -40.5670, 38.3372



Tritanopia

211.4740, 11.1053, -15.3247

Trichromacy



Original Color

198.2530, -54.3547, -19.5159

Protanomaly

203.1150, -58.2307, 10.4231

Deuteranomaly

206.1880, -45.4487, 17.3751

Tritanomaly

206.2740, -12.4601, -16.9033

Monochromacy



Original Color

198.2530, -54.3547, -19.5159

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.0920, -19.7654, -7.0967

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.2530, -54.3547, -19.5159 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(176, 231, 88)` looks like.

```
.text, #text, p{  
    color:rgb(176, 231, 88)  
}
```

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(176, 231, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 231, 88) }
```

Border

The CSS property to change the border of an element to YUV 198.2530, -54.3547, -19.5159 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(176, 231, 88) }
```


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

```
.border{ border-color:rgb(176, 231, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 231, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 231, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 231, 88);  
box-shadow:4px 4px 4px 4px rgb(176, 231,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 198.2530, -54.3547, -19.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 231, 88) }
```

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

```
.background{ background-color: rgb(176,  
231, 88) }
```

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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