

Converting Colors

YUV(196.2390, -33.1488,
-54.5836)

Have a look what the booklet for
YUV(196.2390, -33.1488, -54.5836)
contains.

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Color

**YUV(196.2390, -33.1488,
-54.5836)**

Conversions

Conversions Part 1

Format	Color
Hex	86F181
RGB	134, 241, 129
RGB Percent	53%, 95%, 51%
CMY	0.4745, 0.0549, 0.4941
CMYK	0.44, 0.00, 0.46, 0.05
HSL	117°, 80%, 73%
HSV	117°, 46%, 95%
XYZ	45.2493, 69.5639, 31.8112
YIQ	196.2390, -27.8200, -57.5160

Conversions

Conversions Part 2

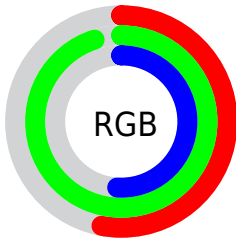
Format	Color
RYB	129, 241, 236
Decimal	8843649
CIELab	86.78, -52.61, 44.50
CIELCh	87, 68.909, 139.774
Yxy	69.5639, 0.3086, 0.4744
Android (android.graphics.Color)	4287033729 (0xFF86F181)
YUV	196.2390, -33.1488, -54.5836
Hunter-Lab	83.4050, -49.1181, 35.7699

Details

The YUV color **196.2390, -33.1488, -54.5836** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **173.7610, 33.1488, 54.5836**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9550, -22.1628, -31.5325**, and **139.2110, -30.6700, -56.3130** is the 20% darker color. If you saturate the color by 10%, you get **186.6260, -40.2416, -66.3240**, and if you desaturate by 10%, it is **205.8520, -26.0560, -42.8432**.

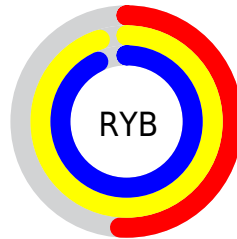
Distribution



Red (53%)

Green (95%)

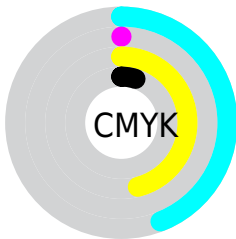
Blue (51%)



Red (51%)

Yellow (95%)

Blue (93%)

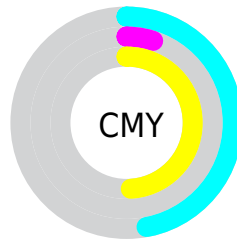


Cyan (44%)

Magenta (0%)

Yellow (46%)

Black (5%)



Cyan (47%)

Magenta (5%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.2390, -33.1488, -54.5836 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 196.2390, -33.1488, -54.5836 by changing the saturation by 10% instead.

■ 196.2390,
-33.1488, -54.5836

■ 196.2390,
-33.1488, -54.5836

255.0000, 0.0000,
0.0000

■ 167.5810,
-31.8384, -54.8835

■ 227.9550,
-22.1628, -31.5325

■ 139.2110,
-30.6700, -56.3130

■ 240.2310,
-13.9179, -15.9886

■ 110.5310,
-29.3488, -60.1017

■ 252.3930, -6.1097,
-0.3447

■ 79.0460, -27.1377,
-69.3233

■ 61.0480, -30.0967,
-53.5391

■ 46.3730, -22.8619,
-40.6691

■ 32.2850, -15.9165,

-28.3139

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 196.2390,
-33.1488, -54.5836

■ 196.2390,
-33.1488, -54.5836

■ 186.6260,
-40.2416, -66.3240

■ 205.8520,
-26.0560, -42.8432

■ 177.0130,
-47.3344, -78.0644

■ 215.4650,
-18.9632, -31.1028

■ 167.4000,
-54.4272, -89.8048

■ 225.0780,
-11.8705, -19.3624

■ 157.7870,
-61.5200, -101.5452

■ 234.6910, -4.7777,
-7.6220

■ 148.0600,
-69.0496, -113.1856

■ 244.4180, 2.7519,
4.0184

■ 144.7560,
-71.3647, -117.3040

■ 246.7820, 4.0515,
7.2072

Harmonies

Analogous

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



206.4410, -59.3774, 4.8752



196.2390, -33.1488, -54.5836



167.4640, 12.0962, -146.8659

Triad

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



196.2390, -33.1488, -54.5836



164.6670, 44.5342, -144.4130



191.5170, -7.1569, 55.6746

Complementary

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



196.2390, -33.1488, -54.5836



173.7610, 33.1488, 54.5836

Split Complementary

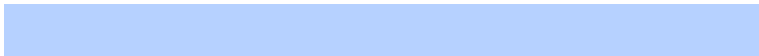
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



199.0410, 21.6718, 49.0760



196.2390, -33.1488, -54.5836



206.1710, 24.0727, -21.1980

Square

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



196.2390, -33.1488, -54.5836



172.2980, 40.7721, -151.1053



212.1490, 21.1255, 37.5803



196.0580, -37.9896, 51.6921

Rectangle

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



196.2390, -33.1488, -54.5836



173.7680, 31.1734, -152.3945



212.1490, 21.1255, 37.5803



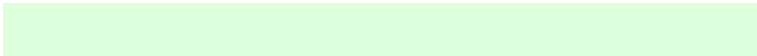
192.1500, 2.8841, 55.1195

Sweetspot

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



196.2390, -33.1488, -54.5836



240.7300, -10.7129, -17.3032



224.7100, -47.1850, 14.2863



119.2130, -6.5140, -10.7108



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.



196.2390, -33.1488, -54.5836



198.0340, -42.4148, -69.3128



200.4440, -10.5719, -62.6564



115.0440, -3.4727, -6.1776



110.4000, -54.4272, -89.8048



33.7690, -16.6481, -26.9844

Inverse Universe

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



173.7610, 33.1488, 54.5836



169.2650, 42.2674, 69.9276



169.5560, 10.5719, 62.6564



112.6570, 3.6201, 5.5628



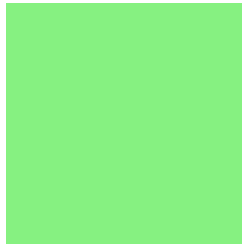
73.3010, 54.5746, 89.1900



22.5300, 16.5007, 27.5992

Previews

White Background



This preview shows how the YUV color 196.2390, -33.1488, -54.5836 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 196.2390, -33.1488, -54.5836 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

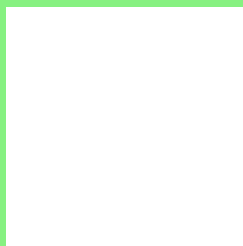
Any Text WCAG AAA ✓ Pass

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

YUV 196.2390, -33.1488, -54.5836 Background



This preview shows how black text looks on a background with the YUV color 196.2390, -33.1488, -54.5836.



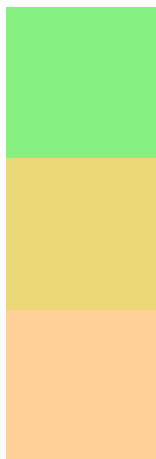
This preview shows how white text looks on a background with the YUV color 196.2390, -33.1488, -54.5836.

-54.5836.

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

196.2390, -33.1488, -54.5836

Protanopia

211.3350, -45.0282, 22.5082

Deuteranopia

215.5550, -31.8256, 34.5933



Tritanopia

208.8230, 18.3283, -45.4488

Trichromacy



Original Color

196.2390, -33.1488, -54.5836



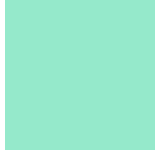
Protanomaly

205.8970, -40.8682, -5.1717



Deuteranomaly

208.5310, -32.3068, 2.1653



Tritanomaly

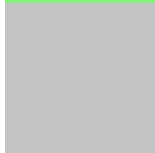
204.4640, -0.7218, -48.6419

Monochromacy



Original Color

196.2390, -33.1488, -54.5836



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.7790, -11.7230, -19.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.2390, -33.1488, -54.5836 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(134, 241, 129)` looks like.

```
.text, #text, p{  
    color:rgb(134, 241, 129)  
}
```

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(134, 241, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 241, 129) }
```

Border

The CSS property to change the border of an element to YUV 196.2390, -33.1488, -54.5836 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(134, 241, 129) }
```


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

```
.border{ border-color:rgb(134, 241, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 241, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 241, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 241, 129);  
box-shadow:4px 4px 4px 4px rgb(134, 241,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 196.2390, -33.1488, -54.5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 241, 129) }
```

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

```
.background{ background-color: rgb(134,  
241, 129) }
```

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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