

Converting Colors

YUV(186.8120, -75.8293,
-38.4231)

Have a look what the booklet for
YUV(186.8120, -75.8293, -38.4231)
contains.

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Color

**YUV(186.8120, -75.8293,
-38.4231)**

Conversions

Conversions Part 1

Format	Color
Hex	8FEF21
RGB	143, 239, 33
RGB Percent	56%, 94%, 13%
CMY	0.4392, 0.0627, 0.8706
CMYK	0.40, 0.00, 0.86, 0.06
HSL	88°, 87%, 53%
HSV	88°, 86%, 94%
XYZ	42.4687, 67.6824, 12.2645
YIQ	186.8120, 8.9100, -84.4180

Conversions

Conversions Part 2

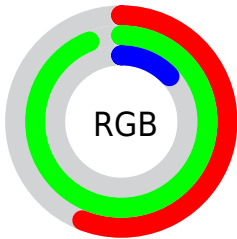
Format	Color
R_{YB}	33, 239, 129
Decimal	9432865
CIE _{Lab}	85.85, -56.75, 79.01
CIE _{LCh}	86, 97.278, 125.687
Yxy	67.6824, 0.3469, 0.5529
Android (android.graphics.Color)	4287622945 (0xFF8FEF21)
YUV	186.8120, -75.8293, -38.4231
Hunter-Lab	82.2693, -51.8269, 48.7497

Details

The YUV color **186.8120, -75.8293, -38.4231** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **85.1880, 75.8293, 38.4231**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8960, -59.6017, -16.5718**, and **131.0530, -64.6091, -43.8965** is the 20% darker color. If you saturate the color by 10%, you get **180.7870, -84.6910, -42.7862**, and if you desaturate by 10%, it is **192.8370, -66.9676, -34.0600**.

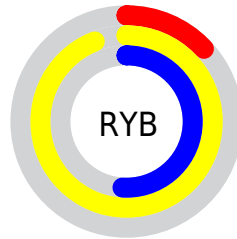
Distribution



Red (56%)

Green (94%)

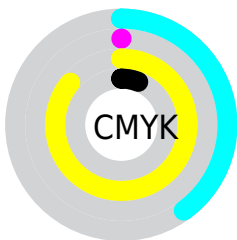
Blue (13%)



Red (13%)

Yellow (94%)

Blue (51%)

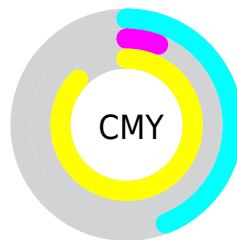


Cyan (40%)

Magenta (0%)

Yellow (86%)

Black (6%)



Cyan (44%)

Magenta (6%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.8120, -75.8293, -38.4231 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 186.8120, -75.8293, -38.4231 by changing the saturation by 10% instead.

186.8120,
-75.8293, -38.4231

186.8120,
-75.8293, -38.4231

255.0000, 0.0000,
0.0000

157.0570,
-77.4291, -38.6380

221.8960,
-59.6017, -16.5718

131.0530,
-64.6091, -43.8965

234.5850,
-51.0674, -0.5130

104.7390,
-51.6363, -51.5141

244.1700,
-41.4958, 9.4979

75.1360, -37.0420,
-65.8943

247.4760,
-28.8287, 6.5985

59.8740, -29.5179,
-52.5095

250.8960,
-15.7247, 3.5992

45.1990, -22.2831,
-39.6395

254.3160, -2.6208,

31.1110, -15.3377,

0.5999

-27.2843

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 186.8120,
-75.8293, -38.4231

■ 186.8120,
-75.8293, -38.4231

■ 180.7870,
-84.6910, -42.7862

■ 192.8370,
-66.9676, -34.0600

■ 178.5650,
-88.0325, -44.3455

■ 198.8620,
-58.1060, -29.6970

■ 204.8870,
-49.2443, -25.3339

■ 211.2110,
-40.5300, -20.3560

■ 217.1220,
-32.1051, -15.8930

■ 223.1470,
-23.2435, -11.5299

■ 229.1720,
-14.3818, -7.1668

■ 235.1970, -5.5201,
-2.8038

■ 241.2220, 3.3416,
1.5593

Harmonies

Analogous

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



198.8510, -98.0335, 36.9647



186.8120, -75.8293, -38.4231



162.6130, -14.1062, -142.6116

Triad

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



186.8120, -75.8293, -38.4231



172.2980, 40.7721, -151.1053



164.9030, 17.7958, 79.0151

Complementary

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



186.8120, -75.8293, -38.4231



85.1880, 75.8293, 38.4231

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.



184.5600, 34.7269, 61.7759



186.8120, -75.8293, -38.4231



158.2100, 47.7175, -138.7502

Square

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



186.8120, -75.8293, -38.4231



178.7550, 37.5888, -156.7681



206.4680, 23.9263, 25.8996



170.0190, -28.6034, 74.5283

Rectangle

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



186.8120, -75.8293, -38.4231



172.2570, 12.6913, -151.0694



206.4680, 23.9263, 25.8996



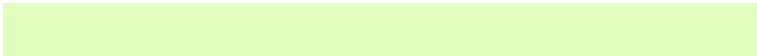
169.6110, 30.7578, 74.8862

Sweetspot

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



186.8120, -75.8293, -38.4231



238.2070, -24.2591, -12.4595



149.1850, -57.2792, 78.7678



117.7590, -14.6712, -7.6816



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.



186.8120, -75.8293, -38.4231



190.3490, -93.8421, -47.6641



156.9120, -61.0886, -99.9008



116.8380, -4.3571, -2.4889



137.3100, -67.6938, -34.4749



41.8420, -20.6281, -10.3854

Inverse Universe

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



85.1880, 75.8293, 38.4231



64.6510, 93.8421, 47.6641



115.0880, 61.0886, 99.9008



110.8630, 4.5045, 1.8741



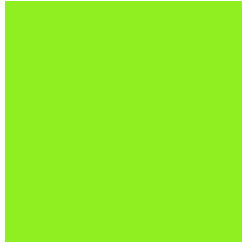
46.6900, 67.6938, 34.4749



14.1580, 20.6281, 10.3854

Previews

White Background



This preview shows how the YUV color 186.8120, -75.8293, -38.4231 looks on a white background.

Color Contrast Check

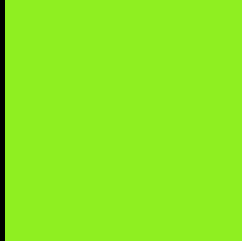
Large Text (above 18pt) WCAG AA × Fail

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 186.8120, -75.8293, -38.4231 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

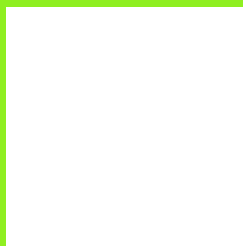
Any Text WCAG AAA ✓ Pass

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

YUV 186.8120, -75.8293, -38.4231 Background



This preview shows how black text looks on a background with the YUV color 186.8120, -75.8293, -38.4231.



This preview shows how white text looks on a background with the YUV color 186.8120, -75.8293, -38.4231.

-38.4231.

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

186.8120, -75.8293, -38.4231

Protanopia

200.5270, -86.5348, 35.4948

Deuteranopia

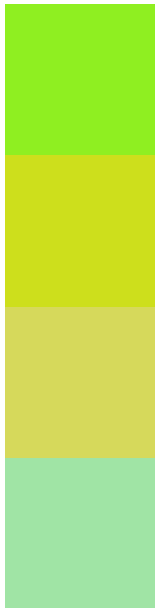
210.7160, -42.7510, 38.8371



Tritanopia

208.5040, 15.5275, -33.7680

Trichromacy



Original Color

186.8120, -75.8293, -38.4231

Protanomaly

195.3880, -82.5223, 8.4297

Deuteranomaly

201.7390, -54.5943, 10.7529

Tritanomaly

200.4860, -17.4946, -35.5062

Monochromacy



Original Color

186.8120, -75.8293, -38.4231

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.9850, -27.6006, -14.0188

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.8120, -75.8293, -38.4231 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(143, 239, 33)` looks like.

```
.text, #text, p{  
    color:rgb(143, 239, 33)  
}
```

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(143, 239, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 239, 33) }
```

Border

The CSS property to change the border of an element to YUV 186.8120, -75.8293, -38.4231 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(143, 239, 33) }
```


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

```
.border{ border-color:rgb(143, 239, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 239, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 239, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 239, 33);  
box-shadow:4px 4px 4px 4px rgb(143, 239,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 186.8120, -75.8293, -38.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 239, 33) }
```

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

```
.background{ background-color: rgb(143,  
239, 33) }
```

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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