

Converting Colors

YUV(188.0930, -51.8108,
-42.1776)

Have a look what the booklet for
YUV(188.0930, -51.8108, -42.1776)
contains.

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Color

**YUV(188.0930, -51.8108,
-42.1776)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE953
RGB	140, 233, 83
RGB Percent	55%, 91%, 33%
CMY	0.4510, 0.0863, 0.6745
CMYK	0.40, 0.00, 0.64, 0.09
HSL	97°, 77%, 62%
HSV	97°, 64%, 91%
XYZ	41.5155, 64.4778, 18.4410
YIQ	188.0930, -7.2780, -66.3660

Conversions

Conversions Part 2

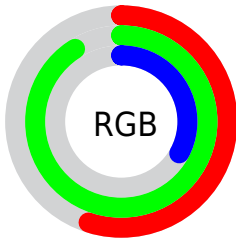
Format	Color
RYB	83, 233, 176
Decimal	9234771
CIELab	84.21, -52.59, 62.13
CIELCh	84, 81.397, 130.247
Yxy	64.4778, 0.3336, 0.5182
Android (android.graphics.Color)	4287424851 (0xFF8CE953)
YUV	188.0930, -51.8108, -42.1776
Hunter-Lab	80.2981, -48.2341, 42.5923

Details

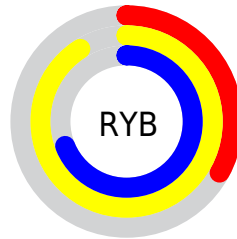
The YUV color **188.0930, -51.8108, -42.1776** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **127.9070, 51.8108, 42.1776**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9180, -42.8506, -22.7301**, and **130.3980, -54.4262, -43.3220** is the 20% darker color. If you saturate the color by 10%, you get **181.2850, -59.7935, -48.4849**, and if you desaturate by 10%, it is **194.9010, -43.8282, -35.8702**.

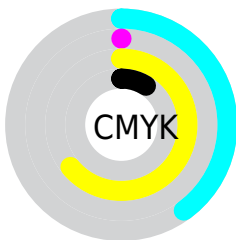
Distribution



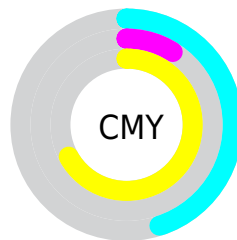
- Red (55%)
- Green (91%)
- Blue (33%)



- Red (33%)
- Yellow (91%)
- Blue (69%)



- Cyan (40%)
- Magenta (0%)
- Yellow (64%)
- Black (9%)



- Cyan (45%)
- Magenta (9%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0930, -51.8108, -42.1776 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 188.0930, -51.8108, -42.1776 by changing the saturation by 10% instead.

■ 188.0930,
-51.8108, -42.1776

■ 188.0930,
-51.8108, -42.1776

255.0000, 0.0000,
0.0000

■ 159.0930,
-51.8108, -42.1776

■ 224.9180,
-42.8506, -22.7301

■ 130.3980,
-54.4262, -43.3220

■ 236.7810,
-34.8950, -7.7009

■ 102.1140,
-50.3422, -46.5810

■ 248.1600,
-26.2079, 5.9987

■ 72.2010, -35.5951,
-63.3203

■ 251.4660,
-13.5407, 3.0993

■ 56.9390, -28.0709,
-49.9355

254.7720, -0.8736,
0.2000

■ 42.2640, -20.8362,
-37.0655

■ 28.7630, -14.1802,

-25.2252

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 188.0930,
-51.8108, -42.1776

■ 188.0930,
-51.8108, -42.1776

■ 181.2850,
-59.7935, -48.4849

■ 194.9010,
-43.8282, -35.8702

■ 174.0640,
-68.0656, -55.3071

■ 202.1220,
-35.5561, -29.0480

■ 167.2560,
-76.0482, -61.6145

■ 208.9300,
-27.5735, -22.7406

■ 163.3820,
-80.5473, -65.2330

■ 216.0370,
-19.7382, -15.8184

■ 222.9590,
-11.3188, -9.6110

■ 230.0660, -3.4835,
-2.6889

■ 236.8740, 4.4991,
3.6185

■ 242.0860, 6.3666,
11.3256

Harmonies

Analogous

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



196.7150, -81.6975, 23.9289



188.0930, -51.8108, -42.1776



160.3110, -2.6183, -140.5927

Triad

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



188.0930, -51.8108, -42.1776



165.2540, 44.2448, -144.9278



176.8080, 5.0247, 68.5744

Complementary

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



188.0930, -51.8108, -42.1776



127.9070, 51.8108, 42.1776

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.



191.0170, 31.5436, 56.1131



188.0930, -51.8108, -42.1776



179.5490, 37.1973, -77.6575

Square

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



188.0930, -51.8108, -42.1776



172.2980, 40.7721, -151.1053



207.4090, 23.4624, 34.7213



180.8130, -32.9388, 65.0620

Rectangle

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



188.0930, -51.8108, -42.1776



168.1140, 19.6638, -147.4360



207.4090, 23.4624, 34.7213



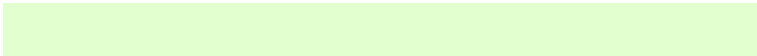
179.7720, 16.3814, 65.9750

Sweetspot

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



188.0930, -51.8108, -42.1776



240.5580, -16.5441, -13.6444



182.4410, -49.0244, 44.3402



118.8990, -10.3032, -8.6814



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.



188.0930, -51.8108, -42.1776



196.1780, -67.6288, -55.4071



173.1020, -35.5463, -79.0195



113.6530, -3.7729, -3.2037



126.8780, -62.5509, -50.7590



37.6780, -18.5753, -15.5036

Inverse Universe

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



127.9070, 51.8108, 42.1776



117.5230, 67.7762, 54.7923



143.0120, 35.9831, 78.9195



109.3470, 3.7729, 3.2037



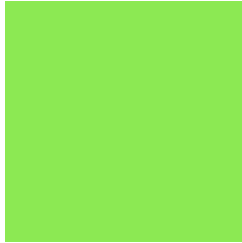
54.1220, 62.5509, 50.7590



16.0230, 18.7227, 14.8888

Previews

White Background



This preview shows how the YUV color 188.0930, -51.8108, -42.1776 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 188.0930, -51.8108, -42.1776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

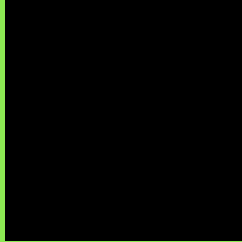
Any Text WCAG AA ✓ Pass

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 188.0930, -51.8108, -42.1776 Background



This preview shows how black text looks on a background with the YUV color 188.0930, -51.8108, -42.1776.



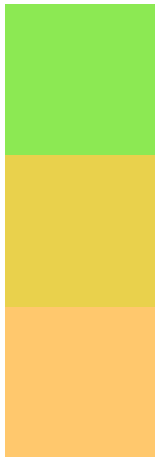
This preview shows how white text looks on a background with the YUV color 188.0930, -51.8108, -42.1776.

-42.1776.

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

188.0930, -51.8108, -42.1776

Protanopia

201.0140, -61.6319, 28.0517

Deuteranopia

206.0710, -47.8560, 42.9107



Tritanopia

203.9060, 15.8223, -34.9976

Trichromacy



Original Color

188.0930, -51.8108, -42.1776



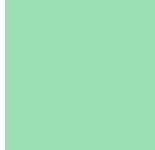
Protanomaly

196.4730, -57.9142, 2.2162



Deuteranomaly

199.5310, -49.0688, 11.8123



Tritanomaly

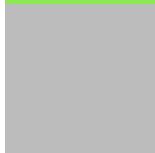
197.7660, -8.7586, -37.5058

Monochromacy



Original Color

188.0930, -51.8108, -42.1776



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.9770, -18.7227, -14.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0930, -51.8108, -42.1776 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(140, 233, 83)` looks like.

```
.text, #text, p{  
    color:rgb(140, 233, 83)  
}
```

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(140, 233, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 233, 83) }
```

Border

The CSS property to change the border of an element to YUV 188.0930, -51.8108, -42.1776 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(140, 233, 83) }
```


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

```
.border{ border-color:rgb(140, 233, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 233, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 233, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 233, 83);  
box-shadow:4px 4px 4px 4px rgb(140, 233,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 188.0930, -51.8108, -42.1776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 233, 83) }
```

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

```
.background{ background-color: rgb(140,  
233, 83) }
```

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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