

Converting Colors

YUV(184.6840, -64.9202,
-37.4339)

Have a look what the booklet for
YUV(184.6840, -64.9202, -37.4339)
contains.

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Color

**YUV(184.6840, -64.9202,
-37.4339)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8EE835 |
| RGB | 142, 232, 53 |
| RGB Percent | 56%, 91%, 21% |
| CMY | 0.4431, 0.0902, 0.7922 |
| CMYK | 0.39, 0.00, 0.77, 0.09 |
| HSL | 90°, 80%, 56% |
| HSV | 90°, 77%, 91% |
| XYZ | 40.6545, 63.7210, 13.5248 |
| YIQ | 184.6840, 3.8190, -74.7490 |

Conversions

Conversions Part 2

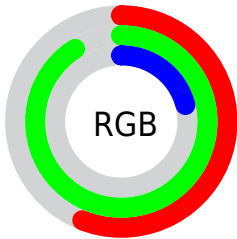
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 53, 232, 143 |
| Decimal | 9365557 |
| CIELab | 83.82, -53.53, 72.31 |
| CIELCh | 84, 89.973, 126.512 |
| Yxy | 63.7210, 0.3448, 0.5405 |
| Android (android.graphics.Color) | 4287555637 (0xFF8EE835) |
| YUV | 184.6840, -64.9202, -37.4339 |
| Hunter-Lab | 79.8255, -48.7858, 45.8323 |

Details

The YUV color **184.6840, -64.9202, -37.4339** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **100.3160, 64.9202, 37.4339**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.6660, -54.0653, -19.0011**, and **127.8300, -63.0202, -40.1929** is the 20% darker color. If you saturate the color by 10%, you get **178.4740, -73.1977, -42.5117**, and if you desaturate by 10%, it is **190.8940, -56.6427, -32.3560**.

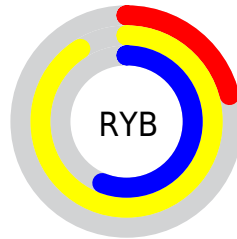
Distribution



Red (56%)

Green (91%)

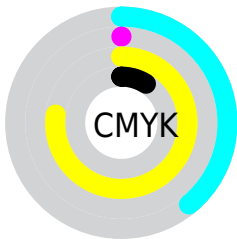
Blue (21%)



Red (21%)

Yellow (91%)

Blue (56%)

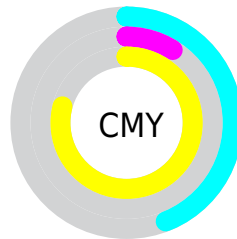


Cyan (39%)

Magenta (0%)

Yellow (77%)

Black (9%)



Cyan (44%)

Magenta (9%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.6840, -64.9202, -37.4339 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 184.6840, -64.9202, -37.4339 by changing the saturation by 10% instead.

■ 184.6840,
-64.9202, -37.4339

■ 184.6840,
-64.9202, -37.4339

255.0000, 0.0000,
0.0000

■ 153.3330,
-72.6352, -36.2490

■ 222.6660,
-54.0653, -19.0011

■ 127.8300,
-63.0202, -40.1929

■ 234.9420,
-45.8204, -3.4571

■ 101.5270,
-50.0528, -46.0662

■ 245.3100,
-37.1278, 8.4981

■ 71.6140, -35.3057,
-62.8055

■ 248.6160,
-24.4607, 5.5988

■ 56.3520, -27.7815,
-49.4207

■ 252.0360,
-11.3567, 2.5994

■ 41.6770, -20.5468,
-36.5507

■ 28.7630, -14.1802,

-25.2252

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 184.6840,
-64.9202, -37.4339

■ 184.6840,
-64.9202, -37.4339

■ 178.4740,
-73.1977, -42.5117

■ 190.8940,
-56.6427, -32.3560

■ 172.5630,
-81.6226, -46.9748

■ 196.8050,
-48.2179, -27.8930

■ 170.5690,
-84.0905, -48.7340

■ 203.1290,
-39.5036, -22.9151

■ 209.3390,
-31.2261, -17.8373

■ 215.2500,
-22.8012, -13.3742

■ 221.4600,
-14.5238, -8.2964

■ 227.6700, -6.2463,
-3.2186

■ 233.6950, 2.6154,
1.1445

■ 239.1070, 7.8352,
6.9222

Harmonies

Analogous

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



193.2250, -95.2599, 34.0057



184.6840, -64.9202, -37.4339



158.2590, -10.4807, -138.7931

Triad

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



184.6840, -64.9202, -37.4339



167.6020, 43.0872, -146.9870



168.2140, 12.7125, 76.1113

Complementary

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



184.6840, -64.9202, -37.4339



100.3160, 64.9202, 37.4339

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.



186.3210, 33.8587, 60.2315



184.6840, -64.9202, -37.4339



154.1010, 49.7432, -135.1466

Square

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



184.6840, -64.9202, -37.4339



173.4720, 40.1933, -152.1349



203.5220, 25.3787, 26.7292



172.4810, -29.3241, 72.3692

Rectangle

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



184.6840, -64.9202, -37.4339



167.3330, 14.1328, -146.7510



203.5220, 25.3787, 26.7292



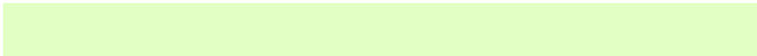
172.6940, 24.8009, 72.1824

Sweetspot

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



184.6840, -64.9202, -37.4339



239.6030, -21.4963, -11.9298



159.3510, -52.4310, 63.7132



118.5140, -13.0714, -7.4668



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.



184.6840, -64.9202, -37.4339



192.4010, -85.9797, -49.4637



158.0730, -51.8010, -92.1490



111.8380, -4.3571, -2.4889



131.6840, -64.9202, -37.4339



37.4120, -18.4441, -10.8853

Inverse Universe

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



100.3160, 64.9202, 37.4339



80.5990, 85.9797, 49.4637



126.9270, 51.8010, 92.1490



106.1620, 4.3571, 2.4889



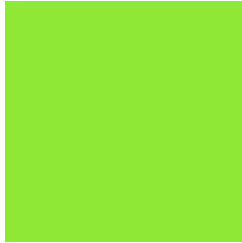
47.3160, 64.9202, 37.4339



13.5880, 18.4441, 10.8853

Previews

White Background



This preview shows how the YUV color 184.6840, -64.9202, -37.4339 looks on a white background.

Color Contrast Check

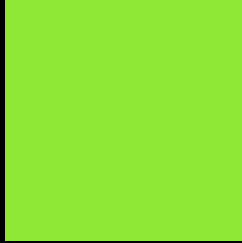
Large Text (above 18pt) WCAG AA × Fail

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 184.6840, -64.9202, -37.4339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

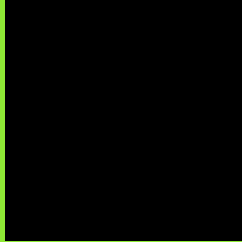
Any Text WCAG AA ✓ Pass

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 184.6840, -64.9202, -37.4339 Background



This preview shows how black text looks on a background with the YUV color 184.6840, -64.9202, -37.4339.

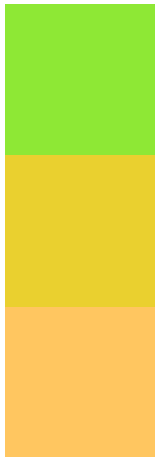


This preview shows how white text looks on a background with the YUV color 184.6840, -64.9202, -37.4339.

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

184.6840, -64.9202, -37.4339

Protanopia

197.4200, -74.1571, 32.0807

Deuteranopia

203.4150, -52.9556, 45.2400



Tritanopia

203.4010, 15.0853, -31.9237

Trichromacy



Original Color

184.6840, -64.9202, -37.4339

Protanomaly

193.0640, -71.0236, 6.9599

Deuteranomaly

196.3760, -57.3734, 15.4562

Tritanomaly

196.7080, -14.1530, -33.9469

Monochromacy



Original Color

184.6840, -64.9202, -37.4339

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.7230, -23.5274, -13.7891

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.6840, -64.9202, -37.4339 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(142, 232, 53)` looks like.

```
.text, #text, p{  
    color:rgb(142, 232, 53)  
}
```

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(142, 232, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 232, 53) }
```

Border

The CSS property to change the border of an element to YUV 184.6840, -64.9202, -37.4339 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(142, 232, 53) }
```


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

```
.border{ border-color:rgb(142, 232, 53) }
```

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

Here you see how a box with a 4 pixel rgb(142, 232, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 232, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 232, 53);  
box-shadow:4px 4px 4px 4px rgb(142, 232,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 184.6840, -64.9202, -37.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 232, 53) }
```

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

```
.background{ background-color: rgb(142,  
232, 53) }
```

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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