

Converting Colors

YUV(187.2110, -37.5720,
-82.6230)

Have a look what the booklet for
YUV(187.2110, -37.5720, -82.6230)
contains.

YUV(187.2110, -37.5720, -82.6230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(187.2110, -37.5720,
-82.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	5DFA6F
RGB	93, 250, 111
RGB Percent	36%, 98%, 44%
CMY	0.6353, 0.0196, 0.5647
CMYK	0.63, 0.00, 0.56, 0.02
HSL	127°, 94%, 67%
HSV	127°, 63%, 98%
XYZ	41.5691, 71.8461, 26.7157
YIQ	187.2110, -48.9530, -76.5130

Conversions

Conversions Part 2

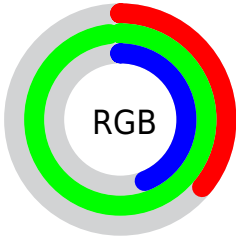
Format	Color
RYB	93, 234, 250
Decimal	6158959
CIELab	87.89, -68.29, 53.92
CIELCh	88, 87.011, 141.706
Yxy	71.8461, 0.2966, 0.5127
Android (android.graphics.Color)	4284349039 (0xFF5DFA6F)
YUV	187.2110, -37.5720, -82.6230
Hunter-Lab	84.7621, -60.7935, 40.6462

Details

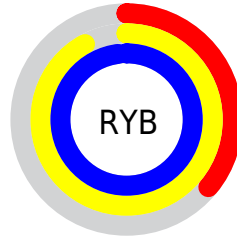
The YUV color **187.2110, -37.5720, -82.6230** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **155.7890, 37.5720, 82.6230**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8510, -24.5765, -50.7353**, and **119.2020, -30.6656, -104.5402** is the 20% darker color. If you saturate the color by 10%, you get **177.2280, -43.4964, -95.7930**, and if you desaturate by 10%, it is **197.1940, -31.6476, -69.4531**.

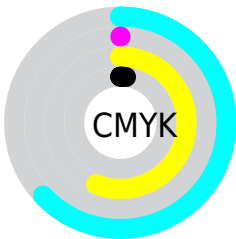
Distribution



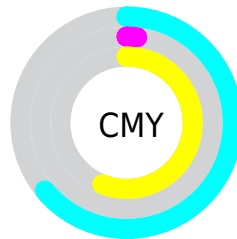
- Red (36%)
- Green (98%)
- Blue (44%)



- Red (36%)
- Yellow (92%)
- Blue (98%)



- Cyan (63%)
- Magenta (0%)
- Yellow (56%)
- Black (2%)



- Cyan (64%)
- Magenta (2%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.2110, -37.5720, -82.6230 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 187.2110, -37.5720, -82.6230 by changing the saturation by 10% instead.

187.2110,
-37.5720, -82.6230

187.2110,
-37.5720, -82.6230

255.0000, 0.0000,
0.0000

155.7480,
-35.3718, -88.3560

215.8510,
-24.5765, -50.7353

119.2020,
-30.6656, -104.5402

228.3120,
-16.9158, -34.4766

99.3460, -35.6666,
-87.1264

240.8870, -8.8183,
-18.3179

80.4190, -39.6466,
-70.5275

253.4620, -0.7208,
-2.1592

64.5700, -31.8330,
-56.6279

49.3080, -24.3088,
-43.2431

35.2200, -17.3635,

-30.8879

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 187.2110,
-37.5720, -82.6230

■ 187.2110,
-37.5720, -82.6230

■ 177.2280,
-43.4964, -95.7930

■ 197.1940,
-31.6476, -69.4531

■ 167.2450,
-49.4208, -108.9629

■ 207.1770,
-25.7233, -56.2832

■ 157.2620,
-55.3452, -122.1328

■ 217.1600,
-19.7989, -43.1133

■ 150.0560,
-59.6806, -131.5991

■ 227.2570,
-13.4377, -30.0434

■ 237.2400, -7.5133,
-16.8735

■ 247.2230, -1.5889,
-3.7036

■ 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



202.5010, -80.6060, 0.4376



187.2110, -37.5720, -82.6230



171.8010, 10.9441, -150.6695

Triad

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



187.2110, -37.5720, -82.6230



168.1890, 42.7978, -147.5018



179.4690, -7.6262, 66.2407

Complementary

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



187.2110, -37.5720, -82.6230



155.7890, 37.5720, 82.6230

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.



187.1700, 29.4962, 59.4869



187.2110, -37.5720, -82.6230



203.4910, 25.3939, -24.9866

Square

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



187.2110, -37.5720, -82.6230



177.5810, 38.1676, -155.7385



205.6920, 24.3088, 43.2431



188.6430, -48.6310, 58.1951

Rectangle

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



187.2110, -37.5720, -82.6230



178.4130, 36.2784, -156.4682



205.6920, 24.3088, 43.2431



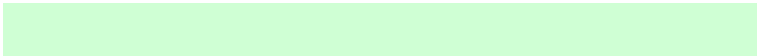
179.0250, 5.9037, 66.6301

Sweetspot

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



187.2110, -37.5720, -82.6230



235.7460, -11.7068, -25.2102



227.3180, -66.2188, 5.8601



116.0660, -6.9345, -15.8439



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.



187.2110, -37.5720, -82.6230



178.6250, -45.6641, -100.5261



195.8750, -4.3754, -90.2214



119.8590, -2.8885, -6.8923



113.4510, -45.0853, -99.4965



36.6050, -14.5953, -32.1026

Inverse Universe

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



155.7890, 37.5720, 82.6230



140.3750, 45.6641, 100.5261



147.1250, 4.3754, 90.2214



117.2550, 3.3253, 6.7924



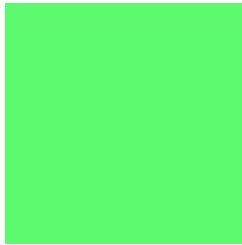
75.5490, 45.0853, 99.4965



24.3950, 14.5953, 32.1026

Previews

White Background



This preview shows how the YUV color 187.2110, -37.5720, -82.6230 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 187.2110, -37.5720, -82.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

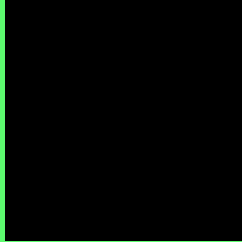
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

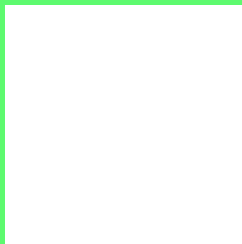
Any Text WCAG AAA ✓ Pass

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

YUV 187.2110, -37.5720, -82.6230 Background



This preview shows how black text looks on a background with the YUV color 187.2110, -37.5720, -82.6230.



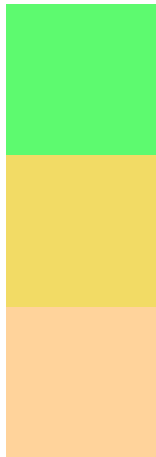
This preview shows how white text looks on a background with the YUV color 187.2110, -37.5720, -82.6230.

-82.6230.

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

187.2110, -37.5720, -82.6230

Protanopia

212.4250, -54.9325, 25.9373

Deuteranopia

217.7720, -30.9466, 32.6490



Tritanopia

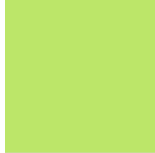
206.0700, 23.6295, -65.8364

Trichromacy



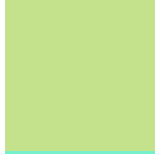
Original Color

187.2110, -37.5720, -82.6230



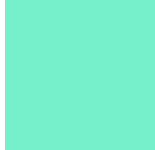
Protanomaly

203.1920, -48.4087, -13.3234



Deuteranomaly

206.5250, -33.2898, -9.2304



Tritanomaly

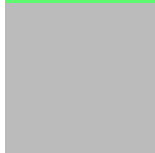
198.8910, 1.5327, -71.8184

Monochromacy



Original Color

187.2110, -37.5720, -82.6230



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.1430, -13.8745, -29.9434

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.2110, -37.5720, -82.6230 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(93, 250, 111)` looks like.

```
.text, #text, p{  
    color:rgb(93, 250, 111)  
}
```

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(93, 250, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 250, 111) }
```

Border

The CSS property to change the border of an element to YUV 187.2110, -37.5720, -82.6230 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(93, 250, 111) }
```


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

```
.border{ border-color:rgb(93, 250, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 250, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 250, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 250, 111);  
box-shadow:4px 4px 4px 4px rgb(93, 250,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 187.2110, -37.5720, -82.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 250, 111) }
```

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

```
.background{ background-color: rgb(93, 250,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor