

Converting Colors

YIQ(187.3260, -51.0150,
-83.1990)

Have a look what the booklet for
YIQ(187.3260, -51.0150, -83.1990)
contains.

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Color

**YIQ(187.3260, -51.0150,
-83.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	57FF66
RGB	87, 255, 102
RGB Percent	34%, 100%, 40%
CMY	0.6593, 0.0000, 0.6001
CMYK	0.66, 0.00, 0.60, 0.00
HSL	125°, 100%, 67%
HSV	125°, 66%, 100%
XYZ	42.0759, 74.4991, 24.7269
YIQ	187.3260, -51.0150, -83.1990

Conversions

Conversions Part 2

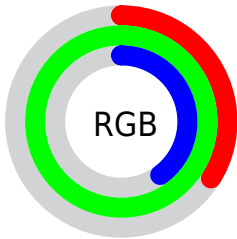
Format	Color
RYB	87, 241, 255
Decimal	5767014
CIELab	89.16, -72.20, 59.29
CIELCh	89, 93.421, 140.609
Yxy	74.4991, 0.2978, 0.5272
Android (android.graphics.Color)	4283957094 (0xFF57FF66)
YUV	187.3260, -42.0657, -87.9859
Hunter-Lab	86.3128, -64.0320, 43.4336

Details

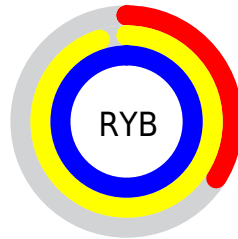
The YIQ color **187.3260, -51.0150, -83.1990** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **154.6740, 51.0150, 83.1990**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6290, -28.7380, -51.8900**, and **120.7690, -68.6200, -89.0360** is the 20% darker color. If you saturate the color by 10%, you get **176.9300, -59.1280, -95.8640**, and if you desaturate by 10%, it is **197.4230, -43.4980, -70.7460**.

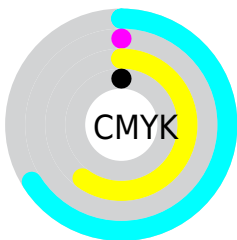
Distribution



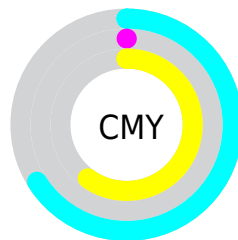
- Red (34%)
- Green (100%)
- Blue (40%)



- Red (34%)
- Yellow (95%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.3260, -51.0150, -83.1990 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 YIQ color 187.3260, -51.0150, -83.1990 by changing the saturation by 10% instead.

187.3260,
-51.0150, -83.1990

187.3260,
-51.0150, -83.1990

255.0000, -0.0000,
-0.0000

153.9550,
-60.2760, -86.0680

213.6290,
-28.7380, -51.8900

120.7690,
-68.6200, -89.0360

226.5030,
-18.9750, -36.0870

99.6590, -47.7590,
-87.1430

238.9640, -9.4870,
-20.8070

82.7670, -38.7750,
-73.7430

251.6530, -0.6410,
-4.9050

66.9180, -31.3500,
-59.6220

51.6560, -24.2000,
-46.0240

36.9810, -17.3250,

-32.9490

■ 22.3060, -10.4500,
-19.8740

■ 0.0000, 0.0000,
0.0000

■ 187.3260,
-51.0150, -83.1990

■ 187.3260,
-51.0150, -83.1990

■ 176.9300,
-59.1280, -95.8640

■ 197.4230,
-43.4980, -70.7460

■ 166.8330,
-66.6450, -108.3170

■ 207.8190,
-35.3850, -58.0810

■ 156.3230,
-74.4370, -121.2930

■ 218.0300,
-28.1890, -45.3170

■ 152.3070,
-77.5080, -126.2120

■ 228.4260,
-20.0760, -32.6520

■ 238.5230,
-12.5590, -20.1990

■ 248.9190, -4.4460,
-7.5340

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



201.8980, 58.5180, -80.3780



187.3260, -51.0150, -83.1990



171.5730, -131.7570, -73.6530

Triad

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



187.3260, -51.0150, -83.1990



171.7110, -148.6800, -47.7840



175.7020, 60.6980, 34.3460

Complementary

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



187.3260, -51.0150, -83.1990



154.6740, 51.0150, 83.1990

Split Complementary

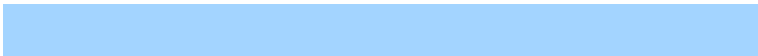
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



185.1470, 32.7250, 62.2370



187.3260, -51.0150, -83.1990



202.2510, -43.0070, 2.9850

Square

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



187.3260, -51.0150, -83.1990



178.7550, -151.9800, -54.0600



205.6920, 23.1000, 43.9320



186.8990, 77.3950, -9.4610

Rectangle

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



187.3260, -51.0150, -83.1990



178.6410, -151.6590, -54.3710



205.6920, 23.1000, 43.9320



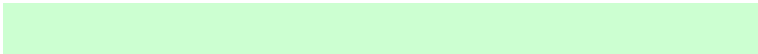
176.0730, 52.7640, 45.9800

Sweetspot

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



187.3260, -51.0150, -83.1990



234.5070, -15.6300, -25.1180



231.6620, 45.5840, -55.2160



115.5390, -9.4880, -15.2800



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.



187.3260, -51.0150, -83.1990



174.0390, -61.0530, -99.5250



196.7880, -77.6580, -57.3860



122.7450, -3.8960, -6.4880



114.0550, -57.9820, -94.6060



38.2520, -19.5260, -31.6060

Inverse Universe

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



154.6740, 51.0150, 83.1990



134.9610, 61.0530, 99.5250



145.2120, 77.6580, 57.3860



120.1410, 4.2170, 6.1770



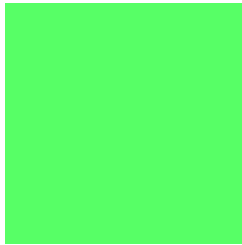
76.9450, 57.9820, 94.6060



25.7480, 19.5260, 31.6060

Previews

White Background



This preview shows how the YIQ color 187.3260, -51.0150, -83.1990 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 YIQ color 187.3260, -51.0150, -83.1990 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](#).

YIQ 187.3260, -51.0150, -83.1990 Background



This preview shows how black text looks on a background with the YIQ color 187.3260, -51.0150, -83.1990.



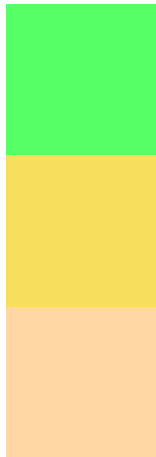
This preview shows how white text looks on a background with the YIQ color 187.3260, -51.0150, -83.1990.

-83.1990.

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

187.3260, -51.0150, -83.1990

Protanopia

214.6550, 56.6300, -35.1300

Deuteranopia

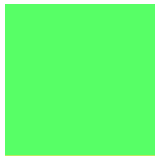
221.2600, 39.8900, -7.0700



Tritanopia

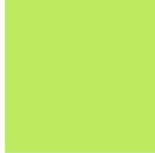
210.6470, -62.3980, -14.5420

Trichromacy



Original Color

187.3260, -51.0150, -83.1990



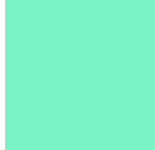
Protanomaly

204.8130, 17.4780, -52.4580



Deuteranomaly

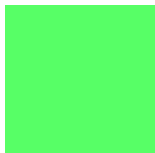
209.2040, 6.7920, -35.0000



Tritanomaly

202.3920, -58.2670, -39.8590

Monochromacy



Original Color

187.3260, -51.0150, -83.1990



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.3770, -18.3800, -30.3480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.3260, -51.0150, -83.1990 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(87, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(87, 255, 102)  
}
```

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(87, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 255, 102) }
```

Border

The CSS property to change the border of an element to YIQ 187.3260, -51.0150, -83.1990 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(87, 255, 102) }
```


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

```
.border{ border-color:rgb(87, 255, 102) }
```

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

Here you see how a box with a 4 pixel rgb(87, 255, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(87, 255,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 187.3260, -51.0150, -83.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 255, 102) }
```

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

```
.background{ background-color: rgb(87, 255,  
102) }
```

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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