

Converting Colors

YIQ(187.4100, -16.2610,
-85.2930)

Have a look what the booklet for
YIQ(187.4100, -16.2610, -85.2930)
contains.

YIQ(187.4100, -16.2610, -85.2930)	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

**YIQ(187.4100, -16.2610,
-85.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	77F73C
RGB	119, 247, 60
RGB Percent	47%, 97%, 24%
CMY	0.5338, 0.0311, 0.7646
CMYK	0.52, 0.00, 0.76, 0.03
HSL	101°, 92%, 60%
HSV	101°, 76%, 97%
XYZ	41.6862, 70.7949, 15.7455
YIQ	187.4100, -16.2610, -85.2930

Conversions

Conversions Part 2

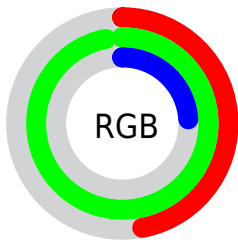
Format	Color
RYB	60, 247, 188
Decimal	7862076
CIELab	87.39, -65.74, 73.27
CIELCh	87, 98.441, 131.898
Yxy	70.7949, 0.3251, 0.5521
Android (android.graphics.Color)	4286052156 (0xFF77F73C)
YUV	187.4100, -62.8131, -59.9956
Hunter-Lab	84.1397, -58.8084, 47.8026

Details

The YIQ color **187.4100, -16.2610, -85.2930** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **119.5900, 16.2610, 85.2930**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.4840, -0.7690, -57.6730**, and **125.2950, -23.3670, -88.6710** is the 20% darker color. If you saturate the color by 10%, you get **179.4770, -18.3680, -96.6720**, and if you desaturate by 10%, it is **195.3430, -14.1540, -73.9140**.

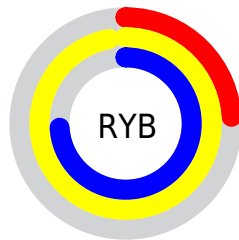
Distribution



Red (47%)

Green (97%)

Blue (24%)



Red (24%)

Yellow (97%)

Blue (74%)

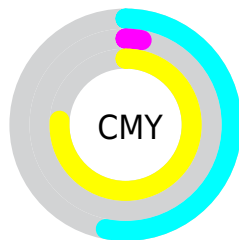


Cyan (52%)

Magenta (0%)

Yellow (76%)

Black (3%)



Cyan (53%)

Magenta (3%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.4100, -16.2610, -85.2930 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 187.4100, -16.2610, -85.2930 by changing the saturation by 10% instead.

■ 187.4100,
-16.2610, -85.2930

■ 187.4100,
-16.2610, -85.2930

■ 255.0000, -0.0000,
-0.0000

■ 155.9600,
-15.1140, -89.5620

■ 217.4840, -0.7690,
-57.6730

■ 125.8820,
-23.6420, -89.1940

■ 230.0590, 8.3980,
-42.0820

■ 95.0940, -44.5500,
-84.7260

■ 242.3350, 16.9690,
-26.7030

■ 79.2450, -37.1250,
-70.6050

■ 249.5280, 15.4080,
-14.9280

■ 63.3960, -29.7000,
-56.4840

■ 252.8340, 6.0990,
-5.9090

■ 48.1340, -22.5500,
-42.8860

■ 34.0460, -15.9500,

-30.3340

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 187.4100,
-16.2610, -85.2930

■ 187.4100,
-16.2610, -85.2930

■ 179.4770,
-18.3680, -96.6720

■ 195.3430,
-14.1540, -73.9140


■ 171.6580,
-20.7960, -107.7400


■ 203.1620,
-11.7260, -62.8460


■ 168.3110,
-21.4370, -112.6450


■ 211.0950, -9.6190,
-51.4670

■ 219.0280, -7.5120,
-40.0880

 226.9610, -5.4050,
-28.7090

 234.4810, -3.5730,
-17.8530

 242.4140, -1.4660,
-6.4740

 250.0050, 1.6040,
3.9720

 250.3040, 2.2000,
4.1840

Harmonies

Analogous

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



200.5350, 73.1420, -70.0740



187.4100, -16.2610, -85.2930



167.5830, -120.5220, -84.5380

Triad

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



187.4100, -16.2610, -85.2930



172.8850, -149.2300, -48.8300



166.1280, 60.0990, 50.7150

Complementary

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



187.4100, -16.2610, -85.2930



119.5900, 16.2610, 85.2930

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.



181.6250, 34.3750, 65.3750



187.4100, -16.2610, -85.2930



157.0360, -141.8050, -34.7090

Square

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



187.4100, -16.2610, -85.2930



178.7550, -151.9800, -54.0600



208.6270, 21.7250, 41.3170



175.3530, 79.5930, 5.7770

Rectangle

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



187.4100, -16.2610, -85.2930



174.9930, -141.3870, -64.3230



208.6270, 21.7250, 41.3170



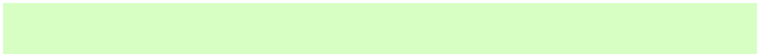
168.4880, 50.6980, 61.4020

Sweetspot

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



187.4100, -16.2610, -85.2930



236.3140, -4.9010, -26.8290



191.0490, 76.2520, -27.3000



116.4210, -3.3440, -16.4960



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.



187.4100, -16.2610, -85.2930



181.0110, -20.2920, -105.8600



173.6450, -62.3390, -87.2270



118.2400, -0.9160, -5.4280



126.8230, -15.9860, -84.7700



40.0150, -5.4970, -27.0410

Inverse Universe

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



119.5900, 16.2610, 85.2930



96.9890, 20.2920, 105.8600



133.3550, 62.3390, 87.2270



114.0590, 1.5120, 5.6400



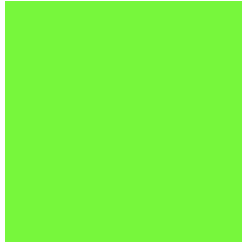
59.4760, 16.5820, 84.9820



18.6860, 4.9010, 26.8290

Previews

White Background



This preview shows how the YIQ color 187.4100, -16.2610, -85.2930 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 187.4100, -16.2610, -85.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

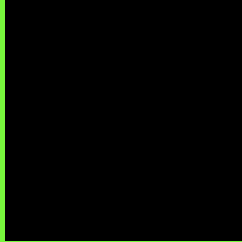
Any Text WCAG AA ✓ Pass

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 187.4100, -16.2610, -85.2930 Background



This preview shows how black text looks on a background with the YIQ color 187.4100, -16.2610, -85.2930.



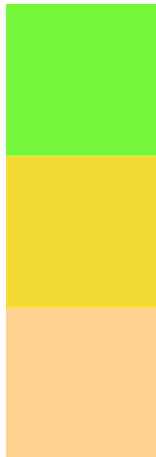
This preview shows how white text looks on a background with the YIQ color 187.4100, -16.2610, -85.2930.

-85.2930.

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

187.4100, -16.2610, -85.2930

Protanopia

206.9640, 68.4610, -45.8030

Deuteranopia

215.8170, 48.3270, -11.2970



Tritanopia

208.8440, -52.5870, -10.6270

Trichromacy



Original Color

187.4100, -16.2610, -85.2930



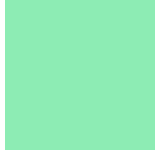
Protanomaly

200.3080, 37.6530, -60.1630



Deuteranomaly

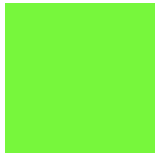
205.3770, 25.1780, -37.8140



Tritanomaly

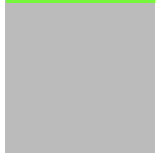
200.9120, -39.2400, -37.7680

Monochromacy



Original Color

187.4100, -16.2610, -85.2930



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.1950, -6.1840, -31.1120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4100, -16.2610, -85.2930 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(119, 247, 60)` looks like.

```
.text, #text, p{  
    color:rgb(119, 247, 60)  
}
```

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(119, 247, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 247, 60) }
```

Border

The CSS property to change the border of an element to YIQ 187.4100, -16.2610, -85.2930 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(119, 247, 60) }
```


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

```
.border{ border-color:rgb(119, 247, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 247, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 247, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 247, 60);  
box-shadow:4px 4px 4px 4px rgb(119, 247,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4100, -16.2610, -85.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 247, 60) }
```

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

```
.background{ background-color: rgb(119,  
247, 60) }
```

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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