

Converting Colors

YIQ(185.3730, -41.2020,
-90.3380)

Have a look what the booklet for
YIQ(185.3730, -41.2020, -90.3380)
contains.

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Color

**YIQ(185.3730, -41.2020,
-90.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	5AFF4D
RGB	90, 255, 77
RGB Percent	35%, 100%, 30%
CMY	0.6476, 0.0000, 0.6980
CMYK	0.65, 0.00, 0.70, 0.00
HSL	116°, 100%, 65%
HSV	116°, 70%, 100%
XYZ	41.3033, 74.2230, 19.1695
YIQ	185.3730, -41.2020, -90.3380

Conversions

Conversions Part 2

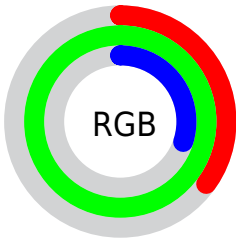
Format	Color
RYB	77, 255, 242
Decimal	5963597
CIELab	89.03, -73.99, 68.99
CIELCh	89, 101.160, 137.002
Yxy	74.2230, 0.3066, 0.5510
Android (android.graphics.Color)	4284153677 (0xFF5AFF4D)
YUV	185.3730, -53.4279, -83.6421
Hunter-Lab	86.1527, -65.1909, 47.1145

Details

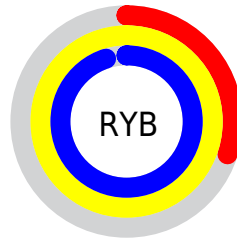
The YIQ color **185.3730, -41.2020, -90.3380** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed green. A complement of this color would be **146.6270, 41.2020, 90.3380**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.9040, -19.5670, -58.4070**, and **115.6390, -54.1750, -103.0310** is the 20% darker color. If you saturate the color by 10%, you get **175.2330, -47.1600, -103.5120**, and if you desaturate by 10%, it is **195.3990, -34.9230, -77.4750**.

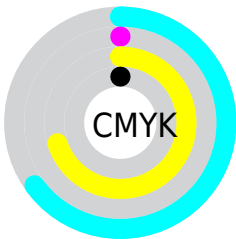
Distribution



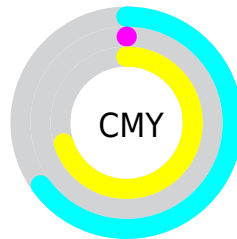
- Red (35%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (95%)



- Cyan (65%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.3730, -41.2020, -90.3380 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 185.3730, -41.2020, -90.3380 by changing the saturation by 10% instead.

185.3730,
-41.2020, -90.3380

185.3730,
-41.2020, -90.3380

255.0000, -0.0000,
-0.0000

151.8450,
-48.5830, -94.2390

211.9040,
-19.5670, -58.4070

115.6390,
-54.1750, -103.0310

224.7780, -9.8040,
-42.6040

99.2030, -46.4750,
-88.3870

237.3530, -0.6370,
-27.0130

82.7670, -38.7750,
-73.7430

250.2270, 9.1260,
-11.2100

66.9180, -31.3500,
-59.6220

254.5440, 1.2840,
-1.2440

51.6560, -24.2000,
-46.0240

36.9810, -17.3250,

-32.9490

■ 21.7190, -10.1750,
-19.3510

■ 0.0000, 0.0000,
0.0000

■ 185.3730,
-41.2020, -90.3380

■ 185.3730,
-41.2020, -90.3380

■ 175.2330,
-47.1600, -103.5120

■ 195.3990,
-34.9230, -77.4750

■ 165.5060,
-52.8430, -116.1630

■ 205.2400,
-29.5610, -64.5130

■ 155.3660,
-58.8010, -129.3370

■ 215.2660,
-23.2820, -51.6500

■ 155.0670,
-59.3970, -129.5490

■ 225.1070,
-17.9200, -38.6880

■ 235.1330,
-11.6410, -25.8250

■ 245.2730, -5.6830,
-12.6510

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.



203.1160, 63.8360, -77.6360



185.3730, -41.2020, -90.3380



169.8630, -126.9420, -78.3180

Triad

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



185.3730, -41.2020, -90.3380



174.0590, -149.7800, -49.8760



166.9940, 63.1720, 44.5800

Complementary

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



185.3730, -41.2020, -90.3380



146.6270, 41.2020, 90.3380

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.



178.6900, 35.7500, 67.9900



185.3730, -41.2020, -90.3380



189.9480, -73.3110, -9.4950

Square

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



185.3730, -41.2020, -90.3380



178.7550, -151.9800, -54.0600



205.1050, 23.3750, 44.4550



179.6270, 81.3370, -3.8070

Rectangle

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



185.3730, -41.2020, -90.3380



177.5010, -148.4490, -57.4810



205.1050, 23.3750, 44.4550



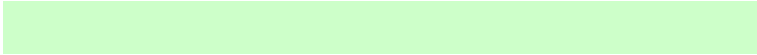
167.1200, 54.5500, 57.6700

Sweetspot

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



185.3730, -41.2020, -90.3380



233.8940, -12.4660, -27.3940



225.9030, 61.2630, -47.5130



115.3820, -7.6080, -16.3120



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.



185.3730, -41.2020, -90.3380



171.1030, -49.9100, -108.7420



189.9220, -72.7040, -70.0800



122.9300, -2.9790, -6.5870



116.3030, -44.1810, -96.9250



39.0630, -14.6200, -32.4120

Inverse Universe

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



146.6270, 41.2020, 90.3380



124.8970, 49.9100, 108.7420



142.0780, 72.7040, 70.0800



120.0700, 2.9790, 6.5870



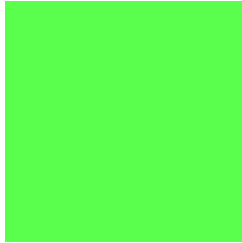
74.6970, 44.1810, 96.9250



24.9370, 14.6200, 32.4120

Previews

White Background



This preview shows how the YIQ color 185.3730, -41.2020, -90.3380 looks on a white background.

Color Contrast Check

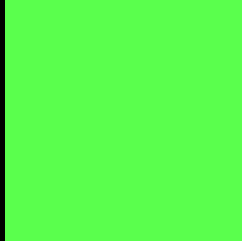
Large Text (above 18pt) WCAG AA × Fail

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 185.3730, -41.2020, -90.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

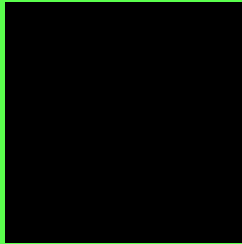
Any Text WCAG AA ✓ Pass

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 185.3730, -41.2020, -90.3380 Background



This preview shows how black text looks on a background with the YIQ color 185.3730, -41.2020, -90.3380.



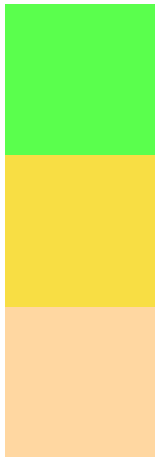
This preview shows how white text looks on a background with the YIQ color 185.3730, -41.2020, -90.3380.

-90.3380.

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

185.3730, -41.2020, -90.3380

Protanopia

212.2180, 64.9300, -42.3820

Deuteranopia

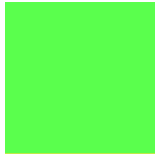
220.8040, 41.1740, -8.3140



Tritanopia

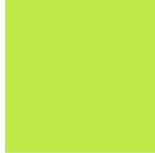
210.6470, -62.3980, -14.5420

Trichromacy



Original Color

185.3730, -41.2020, -90.3380



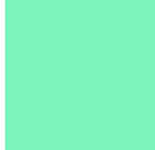
Protanomaly

202.2620, 26.0990, -60.0210



Deuteranomaly

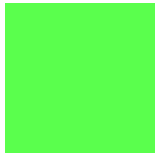
208.1350, 11.2400, -38.5200



Tritanomaly

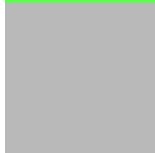
201.6650, -54.7820, -42.4460

Monochromacy



Original Color

185.3730, -41.2020, -90.3380



Achromatopsia

185.0000, -0.0000, -0.0000



Achromatomaly

184.7640, -15.2160, -32.6240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.3730, -41.2020, -90.3380 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(90, 255, 77)` looks like.

```
.text, #text, p{  
    color:rgb(90, 255, 77)  
}
```

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(90, 255, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 255, 77) }
```

Border

The CSS property to change the border of an element to YIQ 185.3730, -41.2020, -90.3380 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(90, 255, 77) }
```


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

```
.border{ border-color:rgb(90, 255, 77) }
```

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

Here you see how a box with a 4 pixel rgb(90, 255, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 255, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 255, 77);  
box-shadow:4px 4px 4px 4px rgb(90, 255,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 185.3730, -41.2020, -90.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 255, 77) }
```

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

```
.background{ background-color: rgb(90, 255,  
77) }
```

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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