

Converting Colors

YIQ(186.3860, -42.0760,
-74.4920)

Have a look what the booklet for
YIQ(186.3860, -42.0760, -74.4920)
contains.

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Color

**YIQ(186.3860, -42.0760,
-74.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	64F66A
RGB	100, 246, 106
RGB Percent	39%, 96%, 42%
CMY	0.6083, 0.0350, 0.5844
CMYK	0.59, 0.00, 0.57, 0.04
HSL	123°, 89%, 68%
HSV	123°, 59%, 96%
XYZ	40.8183, 69.6920, 24.9321
YIQ	186.3860, -42.0760, -74.4920

Conversions

Conversions Part 2

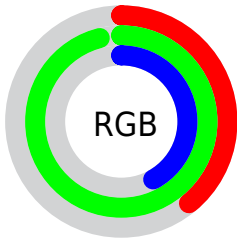
Format	Color
R _Y B	100, 240, 246
Decimal	6616682
CIE Lab	86.85, -66.07, 54.96
CIE LCh	87, 85.941, 140.242
Yxy	69.6920, 0.3014, 0.5146
Android (android.graphics.Color)	4284806762 (0xFF64F66A)
YUV	186.3860, -39.6303, -75.7605
Hunter-Lab	83.4817, -58.8155, 40.7300

Details

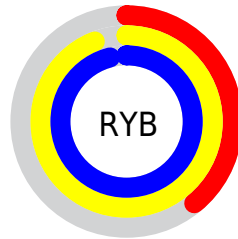
The YIQ color **186.3860, -42.0760, -74.4920** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **159.6140, 42.0760, 74.4920**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.7760, -24.6580, -48.7380**, and **117.7790, -65.4120, -81.0920** is the 20% darker color. If you saturate the color by 10%, you get **176.1750, -49.2720, -87.2560**, and if you desaturate by 10%, it is **196.2980, -35.4760, -61.9400**.

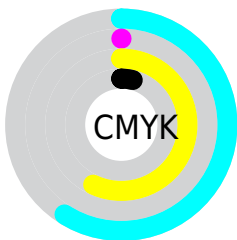
Distribution



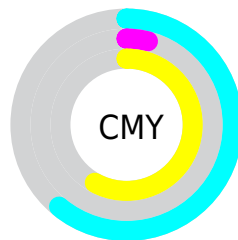
- Red (39%)
- Green (96%)
- Blue (42%)



- Red (39%)
- Yellow (94%)
- Blue (96%)



- Cyan (59%)
- Magenta (0%)
- Yellow (57%)
- Black (4%)



- Cyan (61%)
- Magenta (4%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.3860, -42.0760, -74.4920 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 186.3860, -42.0760, -74.4920 by changing the saturation by 10% instead.

■ 186.3860,
-42.0760, -74.4920

■ 186.3860,
-42.0760, -74.4920

■ 255.0000, -0.0000,
-0.0000

■ 155.8200,
-46.2940, -75.1420

■ 216.7760,
-24.6580, -48.7380

■ 117.4800,
-66.0080, -81.3040

■ 228.9380,
-15.7660, -33.6700

■ 96.6730, -50.3740,
-78.2940

■ 241.3990, -6.2780,
-18.3900

■ 78.0710, -36.5750,
-69.5590

■ 254.0880, 2.5680,
-2.4880

■ 62.8090, -29.4250,
-55.9610

■ 47.5470, -22.2750,
-42.3630

■ 33.4590, -15.6750,

-29.8110

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 186.3860,
-42.0760, -74.4920

■ 186.3860,
-42.0760, -74.4920

■ 176.1750,
-49.2720, -87.2560

■ 196.2980,
-35.4760, -61.9400

■ 166.3770,
-56.1930, -99.4970


■ 206.3950,
-27.9590, -49.4870


■ 156.1660,
-63.3890, -112.2610

■ 216.6060,
-20.7630, -36.7230


■ 146.0690,
-70.9060, -124.7140

■ 226.4040,
-13.8420, -24.4820

 145.5420,
-70.8600, -125.5480

 236.6150, -6.6460,
-11.7180

 246.7120, 0.8710,
0.7350

 249.7170, 2.4750,
4.7070

Harmonies

Analogous

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



200.4090, 47.3740, -65.6340



186.3860, -42.0760, -74.4920



170.4160, -129.8770, -74.6850

Triad

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



186.3860, -42.0760, -74.4920



167.0150, -146.4800, -43.6000



177.9360, 59.9190, 31.9430

Complementary

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



186.3860, -42.0760, -74.4920



159.6140, 42.0760, 74.4920

Split Complementary

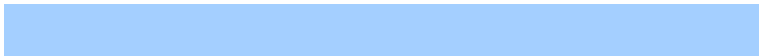
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



186.6970, 33.8720, 57.9680



186.3860, -42.0760, -74.4920



199.6150, -41.0360, 5.8120

Square

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



186.3860, -42.0760, -74.4920



175.8200, -150.6050, -51.4450



205.1050, 23.3750, 44.4550



186.6370, 75.3770, -5.9270

Rectangle

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



186.3860, -42.0760, -74.4920



177.5010, -148.4490, -57.4810



205.1050, 23.3750, 44.4550



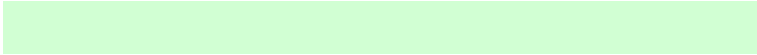
178.0790, 52.6270, 42.9550

Sweetspot

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



186.3860, -42.0760, -74.4920



236.2300, -13.2920, -23.4360



227.8610, 43.8860, -46.4660



116.2510, -8.6170, -14.5450



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.



186.3860, -42.0760, -74.4920



181.1590, -52.3430, -92.1750



194.5940, -65.1880, -52.1000



117.1580, -3.6210, -5.9650



110.0940, -53.7180, -94.7900



34.8610, -16.8670, -30.2350

Inverse Universe

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



159.6140, 42.0760, 74.4920



147.8410, 52.3430, 92.1750



151.4060, 65.1880, 52.1000



114.9560, 3.3000, 6.2760



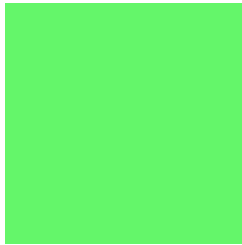
75.9060, 53.7180, 94.7900



24.0250, 17.1880, 29.9240

Previews

White Background



This preview shows how the YIQ color 186.3860, -42.0760, -74.4920 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 186.3860, -42.0760, -74.4920 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 186.3860, -42.0760, -74.4920 Background



This preview shows how black text looks on a background with the YIQ color 186.3860, -42.0760, -74.4920.



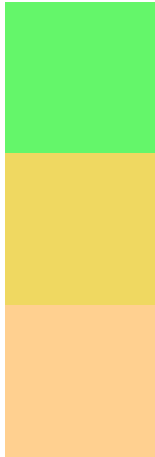
This preview shows how white text looks on a background with the YIQ color 186.3860, -42.0760, -74.4920.

-74.4920.

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

186.3860, -42.0760, -74.4920

Protanopia

209.3110, 51.9070, -32.1330

Deuteranopia

214.7570, 48.5560, -9.9400



Tritanopia

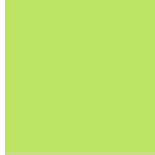
204.4620, -63.3150, -14.4430

Trichromacy



Original Color

186.3860, -42.0760, -74.4920



Protanomaly

200.8610, 17.5230, -47.7650



Deuteranomaly

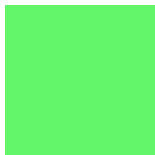
204.6350, 15.8240, -33.4880



Tritanomaly

197.5820, -55.7460, -35.9860

Monochromacy



Original Color

186.3860, -42.0760, -74.4920



Achromatopsia

186.0000, -0.0000, -0.0000



Achromatomaly

186.3390, -15.2170, -27.0970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.3860, -42.0760, -74.4920 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(100, 246, 106)` looks like.

```
.text, #text, p{  
    color:rgb(100, 246, 106)  
}
```

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(100, 246, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 246, 106) }
```

Border

The CSS property to change the border of an element to YIQ 186.3860, -42.0760, -74.4920 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(100, 246, 106) }
```


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

```
.border{ border-color:rgb(100, 246, 106) }
```

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

Here you see how a box with a 4 pixel rgb(100, 246, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 246, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 246, 106);  
box-shadow:4px 4px 4px 4px rgb(100, 246,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 186.3860, -42.0760, -74.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 246, 106) }
```

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

```
.background{ background-color: rgb(100,  
246, 106) }
```

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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