

Converting Colors

YIQ(182.3190, -13.6060,
-61.8140)

Have a look what the booklet for
YIQ(182.3190, -13.6060, -61.8140)
contains.

YIQ(182.3190, -13.6060, -61.8140)	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(182.3190, -13.6060,
-61.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	83E25C
RGB	131, 226, 92
RGB Percent	51%, 89%, 36%
CMY	0.4866, 0.1136, 0.6392
CMYK	0.42, 0.00, 0.59, 0.11
HSL	103°, 70%, 62%
HSV	103°, 59%, 89%
XYZ	38.4873, 60.0062, 19.6820
YIQ	182.3190, -13.6060, -61.8140

Conversions

Conversions Part 2

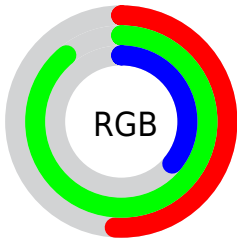
Format	Color
RYB	92, 226, 187
Decimal	8643164
CIELab	81.84, -51.82, 55.61
CIELCh	82, 76.011, 132.980
Yxy	60.0062, 0.3257, 0.5078
Android (android.graphics.Color)	4286833244 (0xFF83E25C)
YUV	182.3190, -44.5273, -45.0068
Hunter-Lab	77.4636, -46.8748, 39.1601

Details

The YIQ color **182.3190, -13.6060, -61.8140** is a light color, and the websafe version is hex **66CC33**. The color can be described as light muted chartreuse. A complement of this color would be **135.6810, 13.6060, 61.8140**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.8400, -4.3470, -47.8910**, and **125.4220, -15.3940, -62.4500** is the 20% darker color. If you saturate the color by 10%, you get **174.9130, -15.7590, -72.3590**, and if you desaturate by 10%, it is **189.7250, -11.4530, -51.2690**.

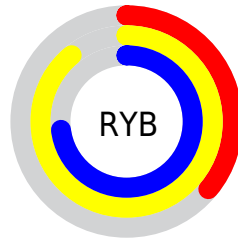
Distribution



Red (51%)

Green (89%)

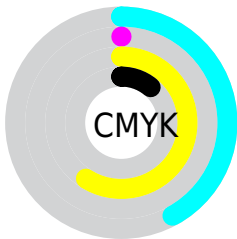
Blue (36%)



Red (36%)

Yellow (89%)

Blue (73%)

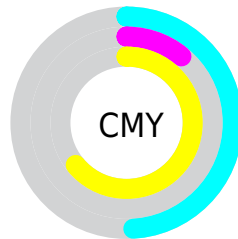


Cyan (42%)

Magenta (0%)

Yellow (59%)

Black (11%)



Cyan (49%)

Magenta (11%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.3190, -13.6060, -61.8140 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 182.3190, -13.6060, -61.8140 by changing the saturation by 10% instead.

■ 182.3190,
-13.6060, -61.8140

■ 182.3190,
-13.6060, -61.8140

■ 255.0000, -0.0000,
-0.0000

■ 154.1340,
-14.5230, -61.7150

■ 222.8400, -4.3470,
-47.8910

■ 125.4220,
-15.3940, -62.4500

■ 234.7030, 3.9490,
-33.0350

■ 95.6020, -16.0810,
-66.5210

■ 246.8650, 12.8410,
-17.9670

■ 68.6790, -32.1750,
-61.1910

■ 252.2640, 7.7040,
-7.4640

■ 53.4170, -25.0250,
-47.5930

■ 38.7420, -18.1500,
-34.5180

■ 26.4150, -12.3750,

-23.5350

■ 7.0440, -3.3000,
-6.2760

■ 0.0000, 0.0000,
0.0000

■ 182.3190,
-13.6060, -61.8140

■ 182.3190,
-13.6060, -61.8140

■ 174.9130,
-15.7590, -72.3590

■ 189.7250,
-11.4530, -51.2690

■ 167.6210,
-18.2330, -82.5930

■ 197.0170, -8.9790,
-41.0350

■ 160.2150,
-20.3860, -93.1380

■ 204.4230, -6.8260,
-30.4900

■ 152.9230,
-22.8600, -103.3720

■ 211.7150, -4.3520,
-20.2560

■ 152.3960,
-22.8140, -104.2060

■ 219.1210, -2.1990,
-9.7110

■ 226.5270, -0.0460,
0.8340

■ 233.8190, 2.4280,
11.0680

■ 237.9770, 7.9750,
15.1670

Harmonies

Analogous

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



191.6030, 53.2400, -50.7920



182.3190, -13.6060, -61.8140



156.0710, -115.6640, -73.4560

Triad

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



182.3190, -13.6060, -61.8140



159.9710, -143.1800, -37.3240



176.0270, 58.4050, 37.3570

Complementary

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



182.3190, -13.6060, -61.8140



135.6810, 13.6060, 61.8140

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.



188.3440, 33.3680, 56.0880



182.3190, -13.6060, -61.8140



182.9370, -65.6100, -0.3780

Square

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



182.3190, -13.6060, -61.8140



166.4280, -146.2050, -43.0770



203.3000, 18.3320, 42.2360



180.2430, 74.0910, 6.3710

Rectangle

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



182.3190, -13.6060, -61.8140



162.9450, -132.2640, -58.9520



203.3000, 18.3320, 42.2360



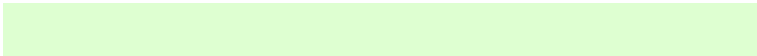
178.1760, 50.9760, 45.3440

Sweetspot

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



182.3190, -13.6060, -61.8140



239.8890, -4.9020, -21.3020



187.2440, 54.0140, -20.7540



118.7140, -2.6110, -13.2590



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.



182.3190, -13.6060, -61.8140



196.0940, -18.1870, -83.4270



173.7360, -45.5170, -61.6850



108.3540, -1.2370, -5.1170



118.5610, -18.0040, -81.2360



32.3620, -4.8560, -22.1360

Inverse Universe

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



135.6810, 13.6060, 61.8140



132.9060, 18.1870, 83.4270



144.2640, 45.5170, 61.6850



104.6460, 1.2370, 5.1170



57.4390, 18.0040, 81.2360



15.6380, 4.8560, 22.1360

Previews

White Background



This preview shows how the YIQ color 182.3190, -13.6060, -61.8140 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 182.3190, -13.6060, -61.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

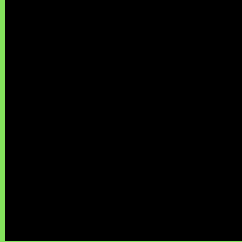
Any Text WCAG AA ✓ Pass

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 182.3190, -13.6060, -61.8140 Background



This preview shows how black text looks on a background with the YIQ color 182.3190, -13.6060, -61.8140.



This preview shows how white text looks on a background with the YIQ color 182.3190, -13.6060, -61.8140.

-61.8140.

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

182.3190, -13.6060, -61.8140

Protanopia

196.1260, 50.9900, -32.0340

Deuteranopia

199.3700, 62.5870, -16.4290



Tritanopia

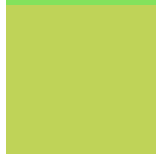
196.5960, -40.0250, -7.0090

Trichromacy



Original Color

182.3190, -13.6060, -61.8140



Protanomaly

190.9980, 27.5630, -42.4930



Deuteranomaly

193.1010, 34.9430, -33.0650



Tritanomaly

191.4390, -30.1180, -26.8700

Monochromacy



Original Color

182.3190, -13.6060, -61.8140



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

181.9490, -5.1310, -22.6590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.3190, -13.6060, -61.8140 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(131, 226, 92)` looks like.

```
.text, #text, p{  
    color:rgb(131, 226, 92)  
}
```

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(131, 226, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 226, 92) }
```

Border

The CSS property to change the border of an element to YIQ 182.3190, -13.6060, -61.8140 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(131, 226, 92) }
```


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

```
.border{ border-color:rgb(131, 226, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 226, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 226, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 226, 92);  
box-shadow:4px 4px 4px 4px rgb(131, 226,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 182.3190, -13.6060, -61.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 226, 92) }
```

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

```
.background{ background-color: rgb(131,  
226, 92) }
```

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