

Converting Colors

YIQ(176.1590, -15.6710,
-51.9190)

Have a look what the booklet for
YIQ(176.1590, -15.6710, -51.9190)
contains.

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Color

**YIQ(176.1590, -15.6710,
-51.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	81D669
RGB	129, 214, 105
RGB Percent	51%, 84%, 41%
CMY	0.4944, 0.1606, 0.5882
CMYK	0.40, 0.00, 0.51, 0.16
HSL	107°, 57%, 63%
HSV	107°, 51%, 84%
XYZ	35.6484, 53.7928, 21.8703
YIQ	176.1590, -15.6710, -51.9190

Conversions

Conversions Part 2

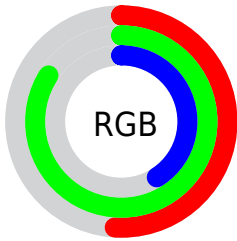
Format	Color
RYB	105, 214, 190
Decimal	8509033
CIELab	78.34, -46.06, 45.53
CIElCh	78, 64.763, 135.332
Yxy	53.7928, 0.3203, 0.4833
Android (android.graphics.Color)	4286699113 (0xFF81D669)
YUV	176.1590, -35.0814, -41.3584
Hunter-Lab	73.3436, -41.5919, 33.6608

Details

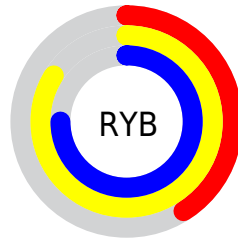
The YIQ color **176.1590, -15.6710, -51.9190** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **142.8410, 15.6710, 51.9190**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3110, -9.9870, -44.7950**, and **121.3160, -17.5510, -50.8870** is the 20% darker color. If you saturate the color by 10%, you get **168.6820, -19.0620, -62.0540**, and if you desaturate by 10%, it is **183.6360, -12.2800, -41.7840**.

Distribution



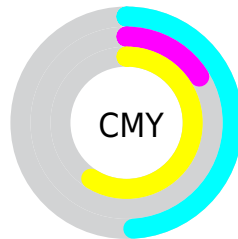
- Red (51%)
- Green (84%)
- Blue (41%)



- Red (41%)
- Yellow (84%)
- Blue (75%)



- Cyan (40%)
- Magenta (0%)
- Yellow (51%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.1590, -15.6710, -51.9190 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 176.1590, -15.6710, -51.9190 by changing the saturation by 10% instead.

■ 176.1590,
-15.6710, -51.9190

■ 176.1590,
-15.6710, -51.9190

■ 255.0000, -0.0000,
-0.0000

■ 148.3870,
-16.3130, -51.2970

■ 223.3110, -9.9870,
-44.7950

■ 121.3160,
-17.5510, -50.8870

■ 235.1740, -1.6910,
-29.9390

■ 93.1200, -19.9350,
-51.7350

■ 247.0370, 6.6050,
-15.0830

■ 62.2220, -29.1500,
-55.4380

■ 253.6320, 3.8520,
-3.7320

■ 47.5470, -22.2750,
-42.3630

■ 33.4590, -15.6750,
-29.8110

■ 21.1320, -9.9000,

-18.8280

■ 0.0000, 0.0000,
0.0000

■ 176.1590,
-15.6710, -51.9190

■ 176.1590,
-15.6710, -51.9190

■ 168.6820,
-19.0620, -62.0540

■ 183.6360,
-12.2800, -41.7840

■ 161.3900,
-21.5360, -72.2880

■ 190.9280, -9.8060,
-31.5500

■ 153.9130,
-24.9270, -82.4230

■ 198.4050, -6.4150,
-21.4150

■ 146.3220,
-27.9970, -92.8690

■ 205.9960, -3.3450,
-10.9690

■ 139.6710,
-30.8380, -101.9580

■ 213.1740, -0.5500,
-1.0460

■ 220.6510, 2.8410,
9.0890

■ 228.2420, 5.9110,
19.5350

■ 230.9330, 11.2750,
21.4430

Harmonies

Analogous

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



184.1690, 40.2630, -41.3770



176.1590, -15.6710, -51.9190



148.6680, -112.7310, -66.0350

Triad

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



176.1590, -15.6710, -51.9190



151.7530, -139.3300, -30.0020



177.8220, 60.2400, 31.6320

Complementary

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



176.1590, -15.6710, -51.9190



142.8410, 15.6710, 51.9190

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.



186.5370, 39.8340, 49.0340



176.1590, -15.6710, -51.9190



183.3570, -48.8770, 10.2510

Square

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



176.1590, -15.6710, -51.9190



158.2100, -142.3550, -35.7550



196.7880, 14.0220, 43.2540



181.0580, 73.1740, 6.4700

Rectangle

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



176.1590, -15.6710, -51.9190



154.0430, -126.4880, -53.4960



196.7880, 14.0220, 43.2540



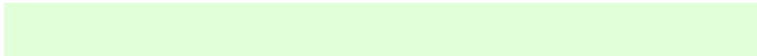
179.5150, 54.0950, 38.3750

Sweetspot

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



176.1590, -15.6710, -51.9190



241.6980, -5.6820, -18.1780



186.8990, 41.8640, -20.8240



119.9960, -3.3450, -10.9690



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.



176.1590, -15.6710, -51.9190



201.0370, -22.0400, -74.1680



172.2890, -39.2840, -47.9880



103.3540, -1.2370, -5.1170



111.4400, -24.9730, -81.5890



28.2310, -5.8650, -20.3690

Inverse Universe

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



142.8410, 15.6710, 51.9190



153.2620, 22.6360, 74.3800



146.7110, 39.2840, 47.9880



99.9450, 1.8330, 5.3290



59.2610, 24.3770, 81.3770



15.0680, 6.4610, 20.5810

Previews

White Background



This preview shows how the YIQ color 176.1590, -15.6710, -51.9190 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 176.1590, -15.6710, -51.9190 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 176.1590, -15.6710, -51.9190 Background



This preview shows how black text looks on a background with the YIQ color 176.1590, -15.6710, -51.9190.



This preview shows how white text looks on a background with the YIQ color 176.1590, -15.6710, -51.9190.

-51.9190.

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

176.1590, -15.6710, -51.9190

Protanopia

188.1500, 42.4150, -25.3050

Deuteranopia

190.8560, 52.5910, -11.4810



Tritanopia

187.9770, -36.7240, -6.2600

Trichromacy



Original Color

176.1590, -15.6710, -51.9190



Protanomaly

183.9190, 20.7760, -35.1280



Deuteranomaly

185.6090, 27.8810, -26.2230



Tritanomaly

183.5580, -28.8350, -22.5870

Monochromacy



Original Color

176.1590, -15.6710, -51.9190



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

176.1710, -5.6360, -19.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.1590, -15.6710, -51.9190 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(129, 214, 105)` looks like.

```
.text, #text, p{  
    color:rgb(129, 214, 105)  
}
```

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(129, 214, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 214, 105) }
```

Border

The CSS property to change the border of an element to YIQ 176.1590, -15.6710, -51.9190 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(129, 214, 105) }
```


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

```
.border{ border-color:rgb(129, 214, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 214, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 214, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 214, 105);  
box-shadow:4px 4px 4px 4px rgb(129, 214,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 176.1590, -15.6710, -51.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 214, 105) }
```

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

```
.background{ background-color: rgb(129,  
214, 105) }
```

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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