

Converting Colors

YIQ(148.1850, -89.6220,
-71.8460)

Have a look what the booklet for
YIQ(148.1850, -89.6220, -71.8460)
contains.

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Color

**YIQ(148.1850, -89.6220,
-71.8460)**

Conversions

Conversions Part 1

Format	Color
Hex	12DB7D
RGB	18, 219, 125
RGB Percent	7%, 86%, 49%
CMY	0.9299, 0.1408, 0.5101
CMYK	0.92, 0.00, 0.43, 0.14
HSL	152°, 85%, 46%
HSV	152°, 92%, 86%
XYZ	29.2975, 52.3131, 27.9312
YIQ	148.1850, -89.6220, -71.8460

Conversions

Conversions Part 2

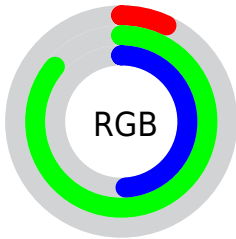
Format	Color
RYB	18, 149, 219
Decimal	1235837
CIELab	77.47, -65.12, 34.07
CIELCh	77, 73.499, 152.382
Yxy	52.3131, 0.2675, 0.4776
Android (android.graphics.Color)	4279425917 (0xFF12DB7D)
YUV	148.1850, -11.4302, -114.1722
Hunter-Lab	72.3278, -54.2695, 27.7331

Details

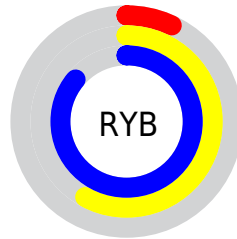
The YIQ color **148.1850, -89.6220, -71.8460** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **88.8150, 89.6220, 71.8460**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6820, -62.6200, -54.5880**, and **103.5300, -68.3040, -61.7120** is the 20% darker color. If you saturate the color by 10%, you get **141.8910, -97.7820, -78.1500**, and if you desaturate by 10%, it is **155.9030, -79.7200, -64.0720**.

Distribution



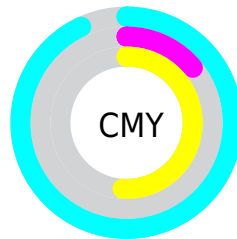
- Red (7%)
- Green (86%)
- Blue (49%)



- Red (7%)
- Yellow (58%)
- Blue (86%)



- Cyan (92%)
- Magenta (0%)
- Yellow (43%)
- Black (14%)



- Cyan (93%)
- Magenta (14%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.1850, -89.6220, -71.8460 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 148.1850, -89.6220, -71.8460 by changing the saturation by 10% instead.

■ 148.1850,
-89.6220, -71.8460

■ 148.1850,
-89.6220, -71.8460

■ 255.0000, -0.0000,
-0.0000

■ 122.8160,
-84.0290, -68.5810

■ 202.6820,
-62.6200, -54.5880

■ 103.5300,
-68.3040, -61.7120

■ 215.6270,
-51.6190, -39.1950

■ 84.9450, -53.1750,
-55.0550

■ 228.2020,
-42.4520, -23.6040

■ 66.9470, -38.3210,
-48.9210

■ 239.7510,
-30.3960, -10.8120

■ 48.7210, -22.8250,
-43.4090

■ 249.3190,
-11.3240, -4.0280

■ 34.0460, -15.9500,
-30.3340

■ 19.3710, -9.0750,

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 148.1850,
-89.6220, -71.8460

■ 148.1850,
-89.6220, -71.8460

■ 141.8910,
-97.7820, -78.1500

■ 155.9030,
-79.7200, -64.0720

■ 163.6210,
-69.8180, -56.2980

■ 171.4530,
-60.2370, -48.2130

■ 179.1710,
-50.3350, -40.4390

■ 186.5900,
-41.0290, -32.8770

■ 194.3080,
-31.1270, -25.1030

■ 202.1400,
-21.5460, -17.0180

■ 209.8580,
-11.6440, -9.2440

■ 217.5760, -1.7420,
-1.4700

Harmonies

Analogous

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



174.9540, 12.5270, -56.3450



148.1850, -89.6220, -71.8460



153.7180, -124.1950, -56.5070

Triad

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



148.1850, -89.6220, -71.8460



144.7090, -136.0300, -23.7260



170.5720, 75.1430, 20.3510

Complementary

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



148.1850, -89.6220, -71.8460



88.8150, 89.6220, 71.8460

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.



171.7530, 56.6610, 46.9410



148.1850, -89.6220, -71.8460



188.9480, -10.2760, 32.0600

Square

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



148.1850, -89.6220, -71.8460



155.2750, -140.9800, -33.1400



188.0820, 31.3500, 59.6220



180.1510, 85.3730, -10.8750

Rectangle

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



148.1850, -89.6220, -71.8460



158.9620, -138.9610, -42.2010



188.0820, 31.3500, 59.6220



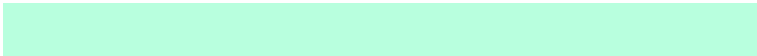
169.5580, 69.7310, 30.3310

Sweetspot

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



148.1850, -89.6220, -71.8460



230.0090, -31.7230, -25.3150



164.9900, 2.5370, -84.5590



112.4500, -19.4830, -15.8590



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.



148.1850, -89.6220, -71.8460



165.1890, -113.7810, -91.0690



157.1400, -118.9710, -41.0430



106.1410, -4.9510, -3.8870



112.0390, -77.1070, -61.8670



29.7380, -20.3540, -16.5940

Inverse Universe

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



88.8150, 89.6220, 71.8460



89.8110, 113.7810, 91.0690



79.8600, 118.9710, 41.0430



102.8590, 4.9510, 3.8870



60.9610, 77.1070, 61.8670



16.1480, 20.6750, 16.2830

Previews

White Background



This preview shows how the YIQ color 148.1850, -89.6220, -71.8460 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 148.1850, -89.6220, -71.8460 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 148.1850, -89.6220, -71.8460 Background



This preview shows how black text looks on a background with the YIQ color 148.1850, -89.6220, -71.8460.



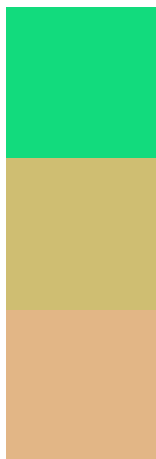
This preview shows how white text looks on a background with the YIQ color 148.1850, -89.6220, -71.8460.

-71.8460.

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

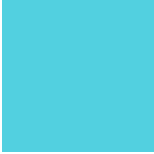
148.1850, -89.6220, -71.8460

Protanopia

186.4190, 34.5280, -20.0320

Deuteranopia

189.6840, 41.6320, -5.6000



Tritanopia

172.1500, -80.2320, -21.7360

Trichromacy



Original Color

148.1850, -89.6220, -71.8460



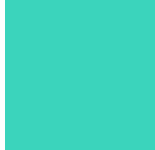
Protanomaly

172.7010, -10.9050, -39.1690



Deuteranomaly

174.2490, -6.2760, -29.4440



Tritanomaly

163.5170, -83.4840, -39.9000

Monochromacy



Original Color

148.1850, -89.6220, -71.8460



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

148.2970, -32.5940, -26.0500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.1850, -89.6220, -71.8460 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(18, 219, 125)` looks like.

```
.text, #text, p{  
    color:rgb(18, 219, 125)  
}
```

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(18, 219, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 219, 125) }
```

Border

The CSS property to change the border of an element to YIQ 148.1850, -89.6220, -71.8460 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(18, 219, 125) }
```


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

```
.border{ border-color:rgb(18, 219, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 219, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 219, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 219, 125);  
box-shadow:4px 4px 4px 4px rgb(18, 219,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 148.1850, -89.6220, -71.8460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 219, 125) }
```

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

```
.background{ background-color: rgb(18, 219,  
125) }
```

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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