

Converting Colors

YIQ(181.0550, -29.3370,
-35.5210)

Have a look what the booklet for
YIQ(181.0550, -29.3370, -35.5210)
contains.

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Color

**YIQ(181.0550, -29.3370,
-35.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	83D499
RGB	131, 212, 153
RGB Percent	51%, 83%, 60%
CMY	0.4865, 0.1685, 0.4001
CMYK	0.38, 0.00, 0.28, 0.17
HSL	136°, 49%, 67%
HSV	136°, 38%, 83%
XYZ	38.6512, 54.2238, 38.5583
YIQ	181.0550, -29.3370, -35.5210

Conversions

Conversions Part 2

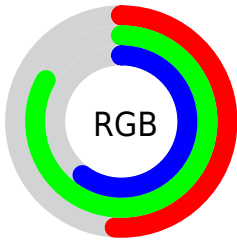
Format	Color
RYB	131, 195, 212
Decimal	8639641
CIELab	78.59, -37.29, 21.59
CIElCh	79, 43.090, 149.928
Yxy	54.2238, 0.2941, 0.4126
Android (android.graphics.Color)	4286829721 (0xFF83D499)
YUV	181.0550, -13.8311, -43.8982
Hunter-Lab	73.6368, -35.1716, 20.4999

Details

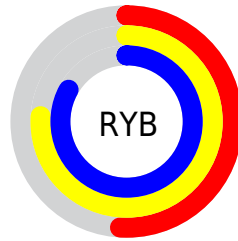
The YIQ color **181.0550, -29.3370, -35.5210** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **161.9450, 29.3370, 35.5210**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **229.3100, -25.4410, -29.0330**, and **126.8100, -30.0250, -34.0650** is the 20% darker color. If you saturate the color by 10%, you get **173.0660, -37.0380, -44.6380**, and if you desaturate by 10%, it is **189.0440, -21.6360, -26.4040**.

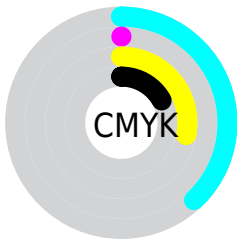
Distribution



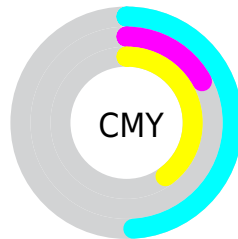
- Red (51%)
- Green (83%)
- Blue (60%)



- Red (51%)
- Yellow (76%)
- Blue (83%)



- Cyan (38%)
- Magenta (0%)
- Yellow (28%)
- Black (17%)



- Cyan (49%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.0550, -29.3370, -35.5210 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 181.0550, -29.3370, -35.5210 by changing the saturation by 10% instead.

■ 181.0550,
-29.3370, -35.5210

■ 181.0550,
-29.3370, -35.5210

■ 255.0000, -0.0000,
-0.0000

■ 153.5820,
-29.3830, -34.6870

■ 229.3100,
-25.4410, -29.0330

■ 126.8100,
-30.0250, -34.0650

■ 240.8740,
-17.7410, -14.3890

■ 99.7390, -31.2630,
-33.6550

■ 251.7110, -6.5560,
-2.3320

■ 72.5750, -36.6730,
-34.7290

■ 50.6080, -32.2720,
-31.8880

■ 34.0120, -18.6100,
-26.1780

■ 21.1320, -9.9000,

-18.8280

■ 0.0000, 0.0000,
0.0000

■ 181.0550,
-29.3370, -35.5210

■ 181.0550,
-29.3370, -35.5210

■ 173.0660,
-37.0380, -44.6380

■ 189.0440,
-21.6360, -26.4040

■ 164.9630,
-44.4180, -54.0660

■ 197.1470,
-14.2560, -16.9760

■ 156.6750,
-52.7150, -63.3950

■ 205.4350, -5.9590,
-7.6470

■ 148.5720,
-60.0950, -72.8230

■ 213.5380, 1.4210,
1.7810

■ 140.5830,
-67.7960, -81.9400

■ 221.5270, 9.1220,
10.8980

■ 132.4800,
-75.1760, -91.3680

■ 228.7330, 14.7140,
19.6900

■ 131.0560,
-76.9180, -92.8380

■ 229.7590, 11.8250,
22.4890

Harmonies

Analogous

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



187.4050, 10.7800, -30.1800



181.0550, -29.3370, -35.5210



170.6210, -77.8450, -37.4690

Triad

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



181.0550, -29.3370, -35.5210



185.6610, -55.8450, 4.3710



191.5850, 55.9330, 16.0690

Complementary

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



181.0550, -29.3370, -35.5210



161.9450, 29.3370, 35.5210

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.



194.2700, 44.2390, 29.7670



181.0550, -29.3370, -35.5210



196.5790, -13.8510, 25.2610

Square

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



181.0550, -29.3370, -35.5210



168.4970, -105.9540, -18.1300



199.8350, 23.8350, 36.1150



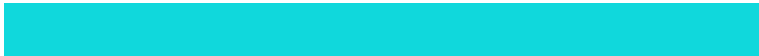
194.4970, 61.3920, -0.2720

Rectangle

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



181.0550, -29.3370, -35.5210



156.6560, -120.4840, -41.1560



199.8350, 23.8350, 36.1150



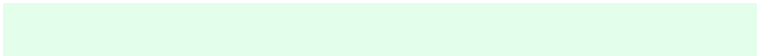
191.7790, 52.6310, 20.8470

Sweetspot

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



181.0550, -29.3370, -35.5210



244.3480, -10.2680, -12.1560



196.1880, 12.8890, -29.8550



121.4350, -5.9590, -7.6470



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.



181.0550, -29.3370, -35.5210



210.3270, -42.4470, -51.2390



185.6150, -42.1770, -23.0810



102.7990, -3.9880, -4.8200



105.6210, -61.7910, -75.1270



26.6090, -15.6770, -18.7570

Inverse Universe

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



161.9450, 29.3370, 35.5210



182.6730, 42.4470, 51.2390



157.3850, 42.1770, 23.0810



100.2010, 3.9880, 4.8200



65.2650, 62.1120, 74.8160



16.5050, 15.3560, 19.0680

Previews

White Background



This preview shows how the YIQ color 181.0550, -29.3370, -35.5210 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 181.0550, -29.3370, -35.5210 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 181.0550, -29.3370, -35.5210 Background



This preview shows how black text looks on a background with the YIQ color 181.0550, -29.3370, -35.5210.



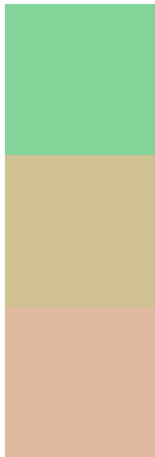
This preview shows how white text looks on a background with the YIQ color 181.0550, -29.3370, -35.5210.

-35.5210.

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

181.0550, -29.3370, -35.5210

Protanopia

191.6000, 24.0730, -12.2710

Deuteranopia

194.2840, 31.3150, -0.3410



Tritanopia

187.5960, -40.0250, -7.0090

Trichromacy



Original Color

181.0550, -29.3370, -35.5210



Protanomaly

187.6790, 4.4970, -20.9350



Deuteranomaly

189.1730, 9.2180, -12.8780



Tritanomaly

185.1260, -36.1260, -17.1020

Monochromacy



Original Color

181.0550, -29.3370, -35.5210



Achromatopsia

181.0000, -0.0000, 0.0000



Achromatomaly

180.9350, -10.5430, -12.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.0550, -29.3370, -35.5210 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, 212, 153)` looks like.

```
.text, #text, p{  
    color:rgb(131, 212, 153)  
}
```

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, 212, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 212, 153) }
```

Border

The CSS property to change the border of an element to YIQ 181.0550, -29.3370, -35.5210 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, 212, 153) }
```


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

```
.border{ border-color:rgb(131, 212, 153) }
```

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

Here you see how a box with a 4 pixel rgb(131, 212, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 212, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 212, 153);  
box-shadow:4px 4px 4px 4px rgb(131, 212,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 181.0550, -29.3370, -35.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 212, 153) }
```

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

```
.background{ background-color: rgb(131,  
212, 153) }
```

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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