

Converting Colors

YIQ(169.0400, -86.8750,
-50.0350)

Have a look what the booklet for
YIQ(169.0400, -86.8750, -50.0350)
contains.

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Color

**YIQ(169.0400, -86.8750,
-50.0350)**

Conversions

Conversions Part 1

Format	Color
Hex	37E1B4
RGB	55, 225, 180
RGB Percent	22%, 88%, 71%
CMY	0.7847, 0.1174, 0.2944
CMYK	0.76, 0.00, 0.20, 0.12
HSL	164°, 74%, 55%
HSV	164°, 76%, 88%
XYZ	36.7442, 57.9902, 52.3944
YIQ	169.0400, -86.8750, -50.0350

Conversions

Conversions Part 2

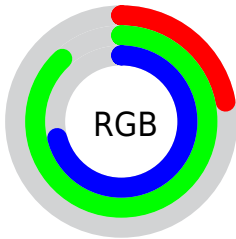
Format	Color
RYB	55, 153, 225
Decimal	3662260
CIELab	80.73, -52.71, 10.06
CIELCh	81, 53.665, 169.199
Yxy	57.9902, 0.2497, 0.3941
Android (android.graphics.Color)	4281852340 (0xFF37E1B4)
YUV	169.0400, 5.4033, -100.0131
Hunter-Lab	76.1513, -47.1357, 12.5126

Details

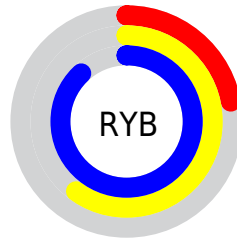
The YIQ color **169.0400, -86.8750, -50.0350** is a light color, and the websafe version is hex **33CC99**. The color can be described as light washed spring green. A complement of this color would be **110.9600, 86.8750, 50.0350**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.5620, -70.1890, -33.0450**, and **113.6810, -87.2420, -48.8900** is the 20% darker color. If you saturate the color by 10%, you get **161.4790, -98.6570, -56.7770**, and if you desaturate by 10%, it is **176.3020, -75.6890, -43.5050**.

Distribution



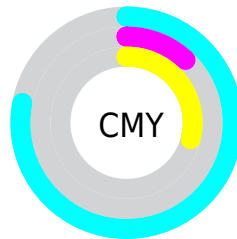
- Red (22%)
- Green (88%)
- Blue (71%)



- Red (22%)
- Yellow (60%)
- Blue (88%)



- Cyan (76%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (78%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.0400, -86.8750, -50.0350 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 169.0400, -86.8750, -50.0350 by changing the saturation by 10% instead.

■ 169.0400,
-86.8750, -50.0350

■ 169.0400,
-86.8750, -50.0350

■ 255.0000, -0.0000,
-0.0000

■ 133.0810,
-103.2880, -55.4480

■ 214.5620,
-70.1890, -33.0450

■ 113.6810,
-87.2420, -48.8900

■ 225.9970,
-57.8120, -20.5640

■ 94.3950, -71.5170,
-42.0210

■ 235.2660,
-39.3360, -13.9920

■ 76.3970, -56.6630,
-35.8870

■ 244.5350,
-20.8600, -7.4200

■ 58.5130, -42.1300,
-29.4420

■ 253.8040, -2.3840,
-0.8480

■ 41.4440, -28.5140,
-22.8980

■ 26.0220, -15.4020,

-18.2340

■ 2.9350, -1.3750,
-2.6150

■ 0.0000, 0.0000,
0.0000

■ 169.0400,
-86.8750, -50.0350

■ 169.0400,
-86.8750, -50.0350

■ 161.4790,
-98.6570, -56.7770

■ 176.3020,
-75.6890, -43.5050


■ 154.2170,
-109.8430, -63.3070


■ 183.8630,
-63.9070, -36.7630

■ 150.8850,
-114.8400, -66.3600


■ 191.1250,
-52.7210, -30.2330


■ 198.6860,
-40.9390, -23.4910

 205.9480,
-29.7530, -16.9610

 213.5090,
-17.9710, -10.2190

 220.7710, -6.7850,
-3.6890

 228.3320, 4.9970,
3.0530

 234.9960, 14.9910,
9.1590

Harmonies

Analogous

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



185.8740, -18.8820, -43.2820



169.0400, -86.8750, -50.0350



159.1100, -136.6220, -46.0460

Triad

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



169.0400, -86.8750, -50.0350



195.5720, -30.3090, 15.1550



192.1600, 63.9590, 2.7670

Complementary

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



169.0400, -86.8750, -50.0350



110.9600, 86.8750, 50.0350

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.



189.5450, 53.4100, 23.2500



169.0400, -86.8750, -50.0350



205.0500, 16.0400, 39.7200

Square

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



169.0400, -86.8750, -50.0350



172.0630, -101.7360, -17.4800



195.9460, 36.7640, 38.5880



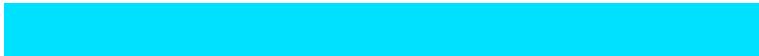
197.3700, 62.5870, -16.4290

Rectangle

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



169.0400, -86.8750, -50.0350



160.5580, -143.4550, -37.8470



195.9460, 36.7640, 38.5880



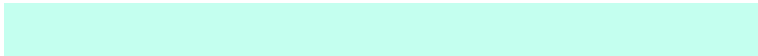
190.7070, 61.1610, 9.4250

Sweetspot

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



169.0400, -86.8750, -50.0350



235.5350, -30.0280, -17.4840



168.2450, -19.9300, -79.3700



116.0960, -18.2460, -10.7420



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.



169.0400, -86.8750, -50.0350



178.5640, -118.3700, -68.4660



150.6900, -90.3200, -15.1200



108.3690, -5.5930, -3.2650



118.0180, -89.8090, -51.9290



32.2800, -24.7560, -13.9080

Inverse Universe

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



110.9600, 86.8750, 50.0350



99.4360, 118.3700, 68.4660



129.3100, 90.3200, 15.1200



104.6310, 5.5930, 3.2650



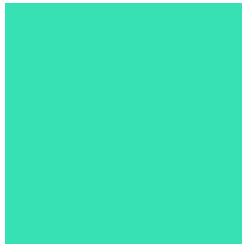
57.9820, 89.8090, 51.9290



15.8340, 24.4350, 14.2190

Previews

White Background



This preview shows how the YIQ color 169.0400, -86.8750, -50.0350 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 169.0400, -86.8750, -50.0350 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

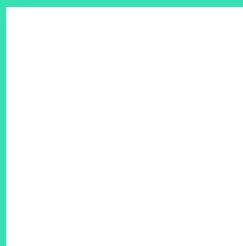
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 169.0400, -86.8750, -50.0350 Background



This preview shows how black text looks on a background with the YIQ color 169.0400, -86.8750, -50.0350.



This preview shows how white text looks on a background with the YIQ color 169.0400, -86.8750, -50.0350.

-50.0350.

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

169.0400, -86.8750, -50.0350

Protanopia

197.6410, 16.8280, -7.6200

Deuteranopia

200.4000, 19.4850, 4.8050



Tritanopia

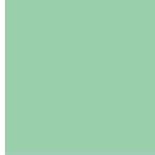
180.1710, -84.7250, -22.9090

Trichromacy



Original Color

169.0400, -86.8750, -50.0350



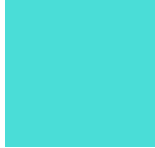
Protanomaly

187.3370, -20.9030, -23.1670



Deuteranomaly

188.8630, -19.2080, -15.3360



Tritanomaly

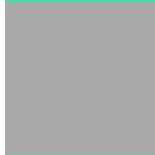
176.3630, -85.6860, -33.0300

Monochromacy



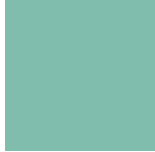
Original Color

169.0400, -86.8750, -50.0350



Achromatopsia

169.0000, -0.0000, -0.0000



Achromatomaly

168.9370, -31.2200, -17.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.0400, -86.8750, -50.0350 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(55, 225, 180)` looks like.

```
.text, #text, p{  
    color:rgb(55, 225, 180)  
}
```

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(55, 225, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 225, 180) }
```

Border

The CSS property to change the border of an element to YIQ 169.0400, -86.8750, -50.0350 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(55, 225, 180) }
```


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

```
.border{ border-color:rgb(55, 225, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 225, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 225, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 225, 180);  
box-shadow:4px 4px 4px 4px rgb(55, 225,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 169.0400, -86.8750, -50.0350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 225, 180) }
```

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

```
.background{ background-color: rgb(55, 225,  
180) }
```

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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