

Converting Colors

YIQ(168.6960, -29.7040,
-34.3760)

Have a look what the booklet for
YIQ(168.6960, -29.7040, -34.3760)
contains.

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Color

**YIQ(168.6960, -29.7040,
-34.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	77C78F
RGB	119, 199, 143
RGB Percent	47%, 78%, 56%
CMY	0.5336, 0.2195, 0.4393
CMYK	0.40, 0.00, 0.28, 0.22
HSL	138°, 42%, 62%
HSV	138°, 40%, 78%
XYZ	32.9875, 46.7627, 33.2665
YIQ	168.6960, -29.7040, -34.3760

Conversions

Conversions Part 2

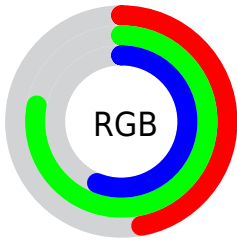
Format	Color
RYB	119, 181, 199
Decimal	7849871
CIELab	74.04, -36.72, 20.53
CIELCh	74, 42.068, 150.784
Yxy	46.7627, 0.2919, 0.4138
Android (android.graphics.Color)	4286039951 (0xFF77C78F)
YUV	168.6960, -12.6681, -43.5834
Hunter-Lab	68.3833, -33.5639, 19.0254

Details

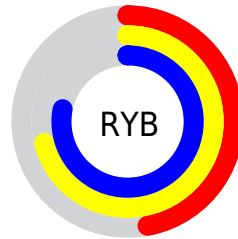
The YIQ color **168.6960, -29.7040, -34.3760** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **149.3040, 29.7040, 34.3760**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.1690, -29.6580, -35.2100**, and **115.0380, -30.6670, -33.4430** is the 20% darker color. If you saturate the color by 10%, you get **161.1200, -37.1300, -42.9700**, and if you desaturate by 10%, it is **176.2720, -22.2780, -25.7820**.

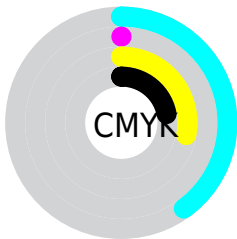
Distribution



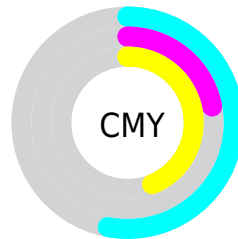
- Red (47%)
- Green (78%)
- Blue (56%)



- Red (47%)
- Yellow (71%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.6960, -29.7040, -34.3760 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 168.6960, -29.7040, -34.3760 by changing the saturation by 10% instead.

■ 168.6960,
-29.7040, -34.3760

■ 168.6960,
-29.7040, -34.3760

■ 255.0000, -0.0000,
-0.0000

■ 141.2230,
-29.7500, -33.5420

■ 224.1690,
-29.6580, -35.2100

■ 115.0380,
-30.6670, -33.4430

■ 235.7330,
-21.9580, -20.5660

■ 87.7820, -32.8220,
-32.9340

■ 247.7100,
-13.9830, -5.3990

■ 59.8350, -40.3410,
-34.3330

■ 43.2390, -26.6790,
-28.6230

■ 27.0020, -12.6500,
-24.0580

■ 13.5010, -6.3250,

-12.0290

■ 0.0000, 0.0000,
0.0000

■ 168.6960,
-29.7040, -34.3760

■ 168.6960,
-29.7040, -34.3760

■ 161.1200,
-37.1300, -42.9700

■ 176.2720,
-22.2780, -25.7820

■ 153.5440,
-44.5560, -51.5640

■ 183.8480,
-14.8520, -17.1880

■ 145.9680,
-51.9820, -60.1580


■ 191.4240, -7.4260,
-8.5940


■ 138.3920,
-59.4080, -68.7520


■ 199.0000, -0.0000,
0.0000


■ 130.8160,
-66.8340, -77.3460


■ 206.2770, 6.8300,
8.3820

 123.6530,
-73.9850, -85.4170

 213.8530, 14.2560,
16.9760

 220.4180, 20.2150,
24.6230

 222.0140, 15.7210,
28.9770

 222.1280, 15.4000,
29.2880

Harmonies

Analogous

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



174.7470, 9.8170, -29.2470



168.6960, -29.7040, -34.3760



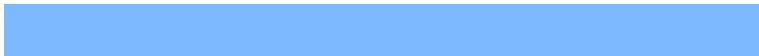
157.2620, -78.2120, -36.3240

Triad

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



168.6960, -29.7040, -34.3760



175.0400, -58.2300, 9.0500



183.6460, 63.1310, 17.7790

Complementary

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



168.6960, -29.7040, -34.3760



149.3040, 29.7040, 34.3760

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.



185.3310, 51.4370, 31.4770



168.6960, -29.7040, -34.3760



185.1490, -15.4560, 26.8160

Square

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



168.6960, -29.7040, -34.3760



156.5940, -107.6050, -15.7410



186.8950, 23.6060, 34.7580



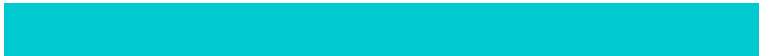
182.0020, 58.4120, -1.3320

Rectangle

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



168.6960, -29.7040, -34.3760



142.2860, -122.3180, -40.9580



186.8950, 23.6060, 34.7580



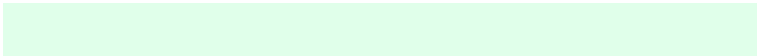
183.9540, 59.5080, 22.8680

Sweetspot

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



168.6960, -29.7040, -34.3760



243.3370, -11.7350, -13.1030



182.7040, 11.3760, -29.9680



121.1360, -6.5550, -7.8590



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.



168.6960, -29.7040, -34.3760



208.7180, -45.1060, -52.6100



173.2560, -42.5440, -21.9360



95.5110, -3.1170, -4.0850



101.2670, -60.5540, -70.0100



22.3860, -13.4310, -15.4070

Inverse Universe

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



149.3040, 29.7040, 34.3760



179.1680, 45.4270, 52.2990



144.7440, 42.5440, 21.9360



93.3750, 3.4380, 3.7740



61.7330, 60.5540, 70.0100



13.6140, 13.4310, 15.4070

Previews

White Background



This preview shows how the YIQ color 168.6960, -29.7040, -34.3760 looks on a white background.

Color Contrast Check

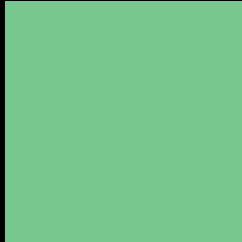
Large Text (above 18pt) WCAG AA × Fail

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 168.6960, -29.7040, -34.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

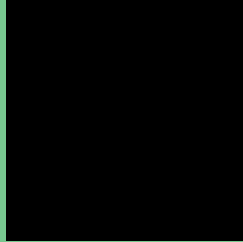
Any Text WCAG AA ✓ Pass

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 168.6960, -29.7040, -34.3760 Background



This preview shows how black text looks on a background with the YIQ color 168.6960, -29.7040, -34.3760.



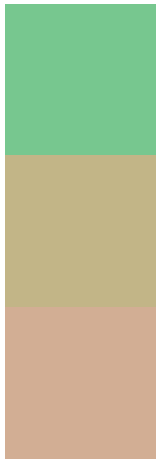
This preview shows how white text looks on a background with the YIQ color 168.6960, -29.7040, -34.3760.

-34.3760.

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

168.6960, -29.7040, -34.3760

Protanopia

179.6430, 22.5140, -11.5500

Deuteranopia

181.8000, 29.8020, -0.4540



Tritanopia

175.3680, -39.3830, -7.6310

Trichromacy



Original Color

168.6960, -29.7040, -34.3760

Protanomaly

176.0210, 3.5340, -20.0020

Deuteranomaly

176.9880, 8.3010, -12.7790

Tritanomaly

173.0120, -35.8050, -17.4130

Monochromacy



Original Color

168.6960, -29.7040, -34.3760

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.0490, -10.8640, -12.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.6960, -29.7040, -34.3760 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(119, 199, 143)` looks like.

```
.text, #text, p{  
    color:rgb(119, 199, 143)  
}
```

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(119, 199, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 199, 143) }
```

Border

The CSS property to change the border of an element to YIQ 168.6960, -29.7040, -34.3760 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(119, 199, 143) }
```


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

```
.border{ border-color:rgb(119, 199, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 199, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 199, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 199, 143);  
box-shadow:4px 4px 4px 4px rgb(119, 199,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 168.6960, -29.7040, -34.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 199, 143) }
```

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

```
.background{ background-color: rgb(119,  
199, 143) }
```

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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