

Converting Colors

YIQ(168.3940, -26.2180,
-42.4900)

Have a look what the booklet for
YIQ(168.3940, -26.2180, -42.4900)
contains.

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Color

**YIQ(168.3940, -26.2180,
-42.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	75CB7D
RGB	117, 203, 125
RGB Percent	46%, 80%, 49%
CMY	0.5414, 0.2038, 0.5098
CMYK	0.42, 0.00, 0.38, 0.20
HSL	126°, 45%, 63%
HSV	126°, 42%, 80%
XYZ	32.3928, 47.9867, 26.9534
YIQ	168.3940, -26.2180, -42.4900

Conversions

Conversions Part 2

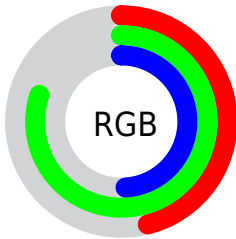
Format	Color
RYB	117, 196, 203
Decimal	7719805
CIELab	74.82, -42.20, 31.00
CIElCh	75, 52.362, 143.696
Yxy	47.9867, 0.3018, 0.4471
Android (android.graphics.Color)	4285909885 (0xFF75CB7D)
YUV	168.3940, -21.3932, -45.0725
Hunter-Lab	69.2724, -37.7574, 25.4214

Details

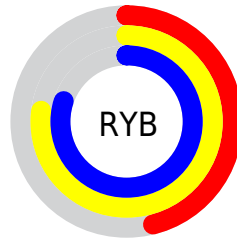
The YIQ color **168.3940, -26.2180, -42.4900** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **151.6060, 26.2180, 42.4900**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.7040, -24.1550, -41.3310**, and **113.9640, -27.8230, -40.9350** is the 20% darker color. If you saturate the color by 10%, you get **160.3620, -32.3600, -52.3280**, and if you desaturate by 10%, it is **176.4260, -20.0760, -32.6520**.

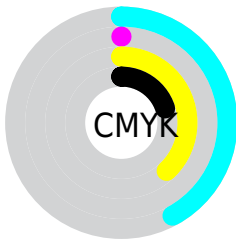
Distribution



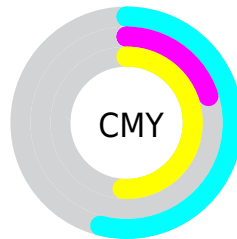
- Red (46%)
- Green (80%)
- Blue (49%)



- Red (46%)
- Yellow (77%)
- Blue (80%)



- Cyan (42%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)



- Cyan (54%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.3940, -26.2180, -42.4900 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 168.3940, -26.2180, -42.4900 by changing the saturation by 10% instead.

■ 168.3940,
-26.2180, -42.4900

■ 168.3940,
-26.2180, -42.4900

■ 255.0000, -0.0000,
-0.0000

■ 140.6220,
-26.8600, -41.8680

■ 221.7040,
-24.1550, -41.3310

■ 113.9640,
-27.8230, -40.9350

■ 233.2680,
-16.4550, -26.6870

■ 86.3980, -32.0410,
-41.5850

■ 245.2450, -8.4800,
-11.5200

■ 59.5440, -35.3880,
-41.5000

■ 42.6060, -20.7630,
-36.7230

■ 28.1760, -13.2000,
-25.1040

■ 14.6750, -6.8750,

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 168.3940,
-26.2180, -42.4900

■ 168.3940,
-26.2180, -42.4900

■ 160.3620,
-32.3600, -52.3280

■ 176.4260,
-20.0760, -32.6520

■ 151.9170,
-38.7770, -62.6890

■ 184.8710,
-13.6590, -22.2910

■ 143.8850,
-44.9190, -72.5270

■ 192.9030, -7.5170,
-12.4530

■ 135.7390,
-50.7400, -82.6760

■ 201.0490, -1.6960,
-2.3040

■ 127.4080,
-57.4780, -92.7260

■ 209.0810, 4.4460,
7.5340

■ 121.3270,
-61.9240, -100.2600

■ 217.4120, 11.1840,
17.5840

■ 224.3620, 14.6210,
26.8850

■ 224.4760, 14.3000,
27.1960

Harmonies

Analogous

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



176.1040, 21.6930, -35.2270



168.3940, -26.2180, -42.4900



141.7040, -112.4120, -55.2920

Triad

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



168.3940, -26.2180, -42.4900



162.4050, -93.5310, -6.4830



178.8190, 64.3220, 23.7300

Complementary

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



168.3940, -26.2180, -42.4900



151.6060, 26.2180, 42.4900

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.



183.7040, 49.1890, 39.1810



168.3940, -26.2180, -42.4900



183.2230, -27.4680, 24.2440

Square

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



168.3940, -26.2180, -42.4900



148.2310, -137.6800, -26.8640



189.7130, 18.6070, 42.7590



182.4770, 73.3120, 3.9680

Rectangle

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



168.3940, -26.2180, -42.4900



146.0530, -123.2800, -45.5520



189.7130, 18.6070, 42.7590



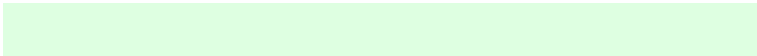
179.4690, 59.7360, 29.7520

Sweetspot

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



168.3940, -26.2180, -42.4900



241.7130, -10.0380, -16.3260



191.1030, 23.4340, -28.2300



119.5550, -6.4170, -10.3610



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.



168.3940, -26.2180, -42.4900



202.6780, -39.6020, -64.2580



173.1820, -39.7000, -29.4280



97.9840, -3.0710, -4.9190



99.2660, -50.7860, -81.8420



22.7620, -11.7340, -18.6300

Inverse Universe

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



151.6060, 26.2180, 42.4900



177.3220, 39.6020, 64.2580



146.8180, 39.7000, 29.4280



96.0160, 3.0710, 4.9190



66.7340, 50.7860, 81.8420



15.3520, 11.4130, 18.9410

Previews

White Background



This preview shows how the YIQ color 168.3940, -26.2180, -42.4900 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 168.3940, -26.2180, -42.4900 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 168.3940, -26.2180, -42.4900 Background



This preview shows how black text looks on a background with the YIQ color 168.3940, -26.2180, -42.4900.



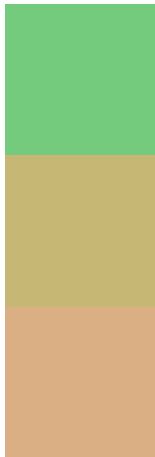
This preview shows how white text looks on a background with the YIQ color 168.3940, -26.2180, -42.4900.

-42.4900.

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

168.3940, -26.2180, -42.4900

Protanopia

180.2600, 30.7220, -17.1340

Deuteranopia

182.5420, 39.1560, -4.7800



Tritanopia

177.1830, -40.3000, -7.5320

Trichromacy



Original Color

168.3940, -26.2180, -42.4900

Protanomaly

175.7410, 9.9540, -26.2220

Deuteranomaly

177.4200, 15.5920, -18.2640

Tritanomaly

174.2030, -35.0250, -20.5370

Monochromacy



Original Color

168.3940, -26.2180, -42.4900

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.1260, -9.7630, -15.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3940, -26.2180, -42.4900 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(117, 203, 125)` looks like.

```
.text, #text, p{  
    color:rgb(117, 203, 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(117, 203, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 203, 125) }
```

Border

The CSS property to change the border of an element to YIQ 168.3940, -26.2180, -42.4900 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(117, 203, 125) }
```


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

```
.border{ border-color:rgb(117, 203, 125) }
```

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

Here you see how a box with a 4 pixel rgb(117, 203, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 203, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 203, 125);  
box-shadow:4px 4px 4px 4px rgb(117, 203,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3940, -26.2180, -42.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 203, 125) }
```

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

```
.background{ background-color: rgb(117,  
203, 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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