

Converting Colors

YIQ(178.1880, -49.0050,
-42.5170)

Have a look what the booklet for
YIQ(178.1880, -49.0050, -42.5170)
contains.

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Color

**YIQ(178.1880, -49.0050,
-42.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	69DBA0
RGB	105, 219, 160
RGB Percent	41%, 86%, 63%
CMY	0.5885, 0.1410, 0.3727
CMYK	0.52, 0.00, 0.27, 0.14
HSL	149°, 61%, 64%
HSV	149°, 52%, 86%
XYZ	37.5023, 56.2232, 42.1159
YIQ	178.1880, -49.0050, -42.5170

Conversions

Conversions Part 2

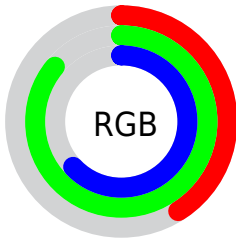
Format	Color
RYB	105, 182, 219
Decimal	6937504
CIELab	79.74, -45.95, 19.35
CIELCh	80, 49.856, 157.165
Yxy	56.2232, 0.2761, 0.4139
Android (android.graphics.Color)	4285127584 (0xFF69DBA0)
YUV	178.1880, -8.9667, -64.1859
Hunter-Lab	74.9821, -41.9420, 19.1855

Details

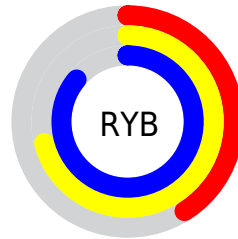
The YIQ color **178.1880, -49.0050, -42.5170** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **145.8120, 49.0050, 42.5170**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.9320, -41.9920, -31.9440**, and **120.5510, -54.4610, -42.7570** is the 20% darker color. If you saturate the color by 10%, you get **170.3560, -58.5860, -50.6020**, and if you desaturate by 10%, it is **186.0200, -39.4240, -34.4320**.

Distribution



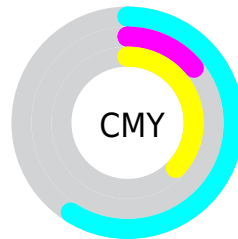
- Red (41%)
- Green (86%)
- Blue (63%)



- Red (41%)
- Yellow (71%)
- Blue (86%)



- Cyan (52%)
- Magenta (0%)
- Yellow (27%)
- Black (14%)



- Cyan (59%)
- Magenta (14%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.1880, -49.0050, -42.5170 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 178.1880, -49.0050, -42.5170 by changing the saturation by 10% instead.

■ 178.1880,
-49.0050, -42.5170

■ 178.1880,
-49.0050, -42.5170

■ 255.0000, -0.0000,
-0.0000

■ 149.8180,
-50.8390, -42.3190

■ 222.9320,
-41.9920, -31.9440

■ 120.2520,
-55.0570, -42.9690

■ 234.7950,
-33.6960, -17.0880

■ 89.4080, -64.3640,
-45.0040

■ 245.1330,
-19.6680, -6.9960

■ 71.4100, -49.5100,
-38.8700

■ 253.8040, -2.3840,
-0.8480

■ 54.2270, -35.5730,
-32.6370

■ 37.7450, -22.2320,
-26.6160

■ 22.8930, -10.7250,

-20.3970

■ 0.0000, 0.0000,
0.0000

■ 178.1880,
-49.0050, -42.5170

■ 178.1880,
-49.0050, -42.5170

■ 170.3560,
-58.5860, -50.6020

■ 186.0200,
-39.4240, -34.4320

■ 162.4100,
-67.8460, -58.9980

■ 193.9660,
-30.1640, -26.0360

■ 154.5780,
-77.4270, -67.0830

■ 201.7980,
-20.5830, -17.9510

■ 146.7460,
-87.0080, -75.1680

■ 209.6300,
-11.0020, -9.8660

■ 140.6370,
-94.2510, -81.5710

■ 217.2770, -2.3380,
-1.6820

■ 225.1090, 7.2430,
6.4030

■ 232.0440, 15.0360,
13.8520

■ 233.4120, 11.1840,
17.5840

■ 233.8680, 9.9000,
18.8280

Harmonies

Analogous

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



187.2850, 2.0700, -37.5300



178.1880, -49.0050, -42.5170



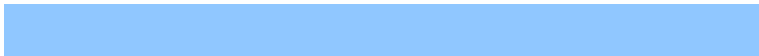
154.0260, -127.8180, -51.4180

Triad

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



178.1880, -49.0050, -42.5170



188.9390, -50.7560, 5.7560



190.6900, 59.8310, 11.5030

Complementary

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



178.1880, -49.0050, -42.5170



145.8120, 49.0050, 42.5170

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.



191.5970, 47.6320, 28.8480



178.1880, -49.0050, -42.5170



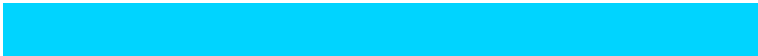
200.2000, -2.2980, 30.6460

Square

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



178.1880, -49.0050, -42.5170



153.5140, -140.1550, -31.5710



200.4770, 30.8950, 40.3270



195.8470, 65.9780, -6.2940

Rectangle

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



178.1880, -49.0050, -42.5170



156.9730, -137.4940, -41.2540



200.4770, 30.8950, 40.3270



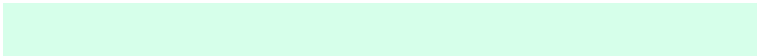
189.9380, 56.4370, 17.9490

Sweetspot

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



178.1880, -49.0050, -42.5170



240.3470, -17.6950, -15.2230



190.1570, 5.0060, -46.6900



119.0430, -10.7270, -9.3430



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.



178.1880, -49.0050, -42.5170



197.3990, -69.3130, -59.9450



184.4580, -66.6600, -25.4120



106.0270, -4.6300, -4.1980



111.1270, -74.5390, -64.3550



29.5100, -19.7120, -17.2160

Inverse Universe

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



145.8120, 49.0050, 42.5170



151.7150, 68.9920, 60.2560



139.5420, 66.6600, 25.4120



102.8590, 4.9510, 3.8870



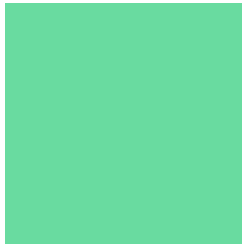
61.9870, 74.2180, 64.6660



16.4900, 19.7120, 17.2160

Previews

White Background



This preview shows how the YIQ color 178.1880, -49.0050, -42.5170 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 178.1880, -49.0050, -42.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

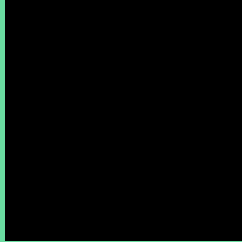
Any Text WCAG AA ✓ Pass

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 178.1880, -49.0050, -42.5170 Background



This preview shows how black text looks on a background with the YIQ color 178.1880, -49.0050, -42.5170.



This preview shows how white text looks on a background with the YIQ color 178.1880, -49.0050, -42.5170.

-42.5170.

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

178.1880, -49.0050, -42.5170

Protanopia

194.8280, 23.4310, -11.6490

Deuteranopia

197.5550, 29.1140, 1.0020



Tritanopia

186.2240, -56.7130, -12.9450

Trichromacy



Original Color

178.1880, -49.0050, -42.5170



Protanomaly

188.6180, -2.7010, -22.6450



Deuteranomaly

190.5140, 0.8280, -15.0120



Tritanomaly

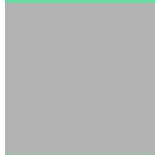
183.1560, -54.0060, -23.4620

Monochromacy



Original Color

178.1880, -49.0050, -42.5170



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

177.9340, -17.9700, -15.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1880, -49.0050, -42.5170 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(105, 219, 160)` looks like.

```
.text, #text, p{  
    color:rgb(105, 219, 160)  
}
```

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(105, 219, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 219, 160) }
```

Border

The CSS property to change the border of an element to YIQ 178.1880, -49.0050, -42.5170 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(105, 219, 160) }
```


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

```
.border{ border-color:rgb(105, 219, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 219, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 219, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 219, 160); box-shadow:4px 4px 4px 4px rgb(105, 219, 160) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1880, -49.0050, -42.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 219, 160) }
```

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

```
.background{ background-color: rgb(105,  
219, 160) }
```

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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