

Converting Colors

YIQ(141.8540, -49.3790,
-2.6830)

Have a look what the booklet for
YIQ(141.8540, -49.3790, -2.6830)
contains.

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Color

**YIQ(141.8540, -49.3790,
-2.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9DC0
RGB	93, 157, 192
RGB Percent	36%, 62%, 75%
CMY	0.6354, 0.3842, 0.2473
CMYK	0.52, 0.18, 0.00, 0.25
HSL	201°, 44%, 56%
HSV	201°, 52%, 75%
XYZ	26.0805, 30.2517, 54.3007
YIQ	141.8540, -49.3790, -2.6830

Conversions

Conversions Part 2

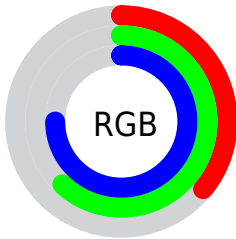
Format	Color
RYB	93, 132, 192
Decimal	6135232
CIELab	61.87, -10.74, -24.34
CIElCh	62, 26.607, 246.192
Yxy	30.2517, 0.2357, 0.2734
Android (android.graphics.Color)	4284325312 (0xFF5D9DC0)
YUV	141.8540, 24.7220, -42.8450
Hunter-Lab	55.0016, -11.6122, -20.0334

Details

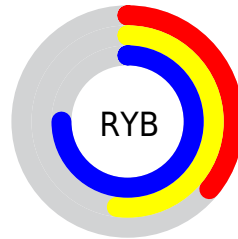
The YIQ color **141.8540, -49.3790, -2.6830** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **143.1460, 49.3790, 2.6830**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.3810, -49.4250, -1.8490**, and **87.5220, -54.3760, -5.7360** is the 20% darker color. If you saturate the color by 10%, you get **132.0640, -58.7780, -3.0500**, and if you desaturate by 10%, it is **151.6440, -39.9800, -2.3160**.

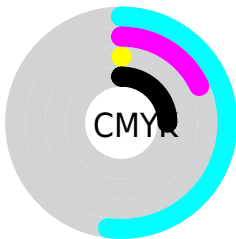
Distribution



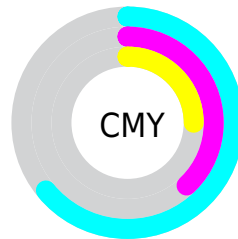
- Red (36%)
- Green (62%)
- Blue (75%)



- Red (36%)
- Yellow (52%)
- Blue (75%)



- Cyan (52%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.8540, -49.3790, -2.6830 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 141.8540, -49.3790, -2.6830 by changing the saturation by 10% instead.

■ 141.8540,
-49.3790, -2.6830

■ 141.8540,
-49.3790, -2.6830

■ 255.0000, -0.0000,
-0.0000

■ 114.8430,
-50.8460, -3.6300

■ 197.2670,
-49.1040, -2.1600

■ 87.5220, -54.3760,
-5.7360

■ 222.8730,
-42.3630, -8.6910

■ 61.0160, -58.8230,
-7.7430

■ 240.3490,
-29.2040, -10.3880

■ 44.6650, -44.4730,
-3.4890

■ 249.0200,
-11.9200, -4.2400

■ 29.1290, -31.0400,
0.8640

■ 13.7070, -17.9280,
5.5280

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 141.8540,
-49.3790, -2.6830

■ 141.8540,
-49.3790, -2.6830

■ 132.0640,
-58.7780, -3.0500

■ 151.6440,
-39.9800, -2.3160

■ 122.2740,
-68.1770, -3.4170

■ 161.4340,
-30.5810, -1.9490

■ 112.7720,
-78.4470, -4.5190

■ 170.9360,
-20.3110, -0.8470

■ 102.9820,
-87.8460, -4.8860

■ 180.7260,
-10.9120, -0.4800

■ 94.6760, -95.7320,
-5.1400

■ 190.5160, -1.5130,
-0.1130

■ 200.3060, 7.8860,
0.2540

■ 209.5090, 17.5600,
1.1440

■ 219.5980, 27.5550,
1.7230

■ 226.0990, 30.3980,
-0.2420

Harmonies

Analogous

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



136.9960, -56.0710, -13.5670



141.8540, -49.3790, -2.6830



148.0680, -29.0700, 9.2180

Triad

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



141.8540, -49.3790, -2.6830



152.6180, 33.9710, 17.6110



144.8900, 2.5250, -18.2350

Complementary

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



141.8540, -49.3790, -2.6830



143.1460, 49.3790, 2.6830

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.



147.8170, 21.9640, -12.5960



141.8540, -49.3790, -2.6830



151.5720, 39.6120, 8.9880

Square

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



141.8540, -49.3790, -2.6830



153.5270, 18.2900, 20.9620



149.9700, 35.0750, -2.4050



141.6190, -21.6370, -20.8770

Rectangle

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



141.8540, -49.3790, -2.6830



150.9670, -12.4280, 15.9880



149.9700, 35.0750, -2.4050



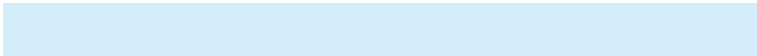
145.9510, 9.7230, -16.5250

Sweetspot

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



141.8540, -49.3790, -2.6830



231.0070, -19.0730, -1.2570



155.1030, -38.4600, -40.8920



113.4270, -11.5080, -0.6920



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



141.8540, -49.3790, -2.6830



171.3700, -77.2550, -4.0950



113.0910, -35.9040, 22.9440



91.6620, -4.8600, -0.0280



79.4020, -80.2810, -4.3210



16.0890, -16.3680, -0.7200

Inverse Universe

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



129.8970, 38.4600, 40.8920



152.7450, 60.2800, 63.9600



171.9090, 35.9040, -22.9440



90.6740, 4.0340, 3.9860



59.9950, 62.5720, 66.4760



12.2610, 12.9270, 13.5270

Previews

White Background



This preview shows how the YIQ color 141.8540, -49.3790, -2.6830 looks on a white background.

Color Contrast Check

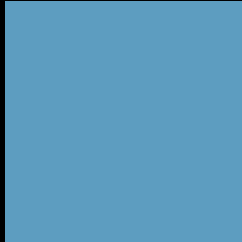
Large Text (above 18pt) WCAG AA × Fail

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 141.8540, -49.3790, -2.6830 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 141.8540, -49.3790, -2.6830

Background



This preview shows how black text looks on a background with the YIQ color 141.8540, -49.3790, -2.6830.



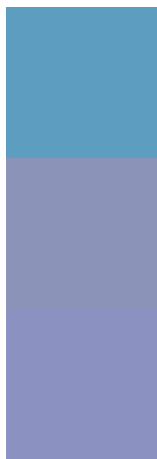
This preview shows how white text looks on a background with the YIQ color 141.8540, -49.3790,

-2.6830.

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

141.8540, -49.3790, -2.6830

Protanopia

149.2390, -16.3700, 10.3340

Deuteranopia

149.3790, -19.5800, 13.4440



Tritanopia

139.6550, -47.6810, -11.4330

Trichromacy



Original Color

141.8540, -49.3790, -2.6830

Protanomaly

146.8460, -28.5650, 5.5710

Deuteranomaly

146.5300, -30.4910, 7.4370

Tritanomaly

140.4640, -48.4610, -8.3090

Monochromacy



Original Color

141.8540, -49.3790, -2.6830

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

141.6050, -17.8810, -0.8330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.8540, -49.3790, -2.6830 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(93, 157, 192)` looks like.

```
.text, #text, p{  
    color:rgb(93, 157, 192)  
}
```

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(93, 157, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 157, 192) }
```

Border

The CSS property to change the border of an element to YIQ 141.8540, -49.3790, -2.6830 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(93, 157, 192) }
```


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

```
.border{ border-color:rgb(93, 157, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 157, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 157, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 157, 192);  
box-shadow:4px 4px 4px 4px rgb(93, 157,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 141.8540, -49.3790, -2.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 157, 192) }
```

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

```
.background{ background-color: rgb(93, 157,  
192) }
```

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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