

Converting Colors

YIQ(149.7700, -41.7160,
-36.9480)

Have a look what the booklet for
YIQ(149.7700, -41.7160, -36.9480)
contains.

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Color

**YIQ(149.7700, -41.7160,
-36.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	57B985
RGB	87, 185, 133
RGB Percent	34%, 73%, 52%
CMY	0.6591, 0.2743, 0.4785
CMYK	0.53, 0.00, 0.28, 0.27
HSL	148°, 41%, 53%
HSV	148°, 53%, 73%
XYZ	25.5131, 38.4307, 28.2519
YIQ	149.7700, -41.7160, -36.9480

Conversions

Conversions Part 2

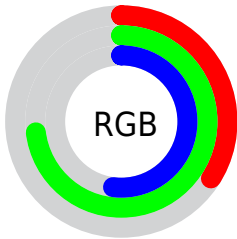
Format	Color
RYB	87, 154, 185
Decimal	5749125
CIELab	68.34, -40.98, 17.84
CIELCh	68, 44.701, 156.471
Yxy	38.4307, 0.2767, 0.4168
Android (android.graphics.Color)	4283939205 (0xFF57B985)
YUV	149.7700, -8.2676, -55.0493
Hunter-Lab	61.9925, -35.0247, 16.3744

Details

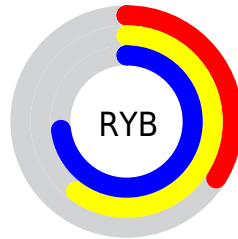
The YIQ color **149.7700, -41.7160, -36.9480** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **122.2300, 41.7160, 36.9480**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.0150, -41.0280, -38.4040**, and **93.2360, -48.9600, -37.8240** is the 20% darker color. If you saturate the color by 10%, you get **142.9490, -49.8300, -44.0860**, and if you desaturate by 10%, it is **156.2920, -34.1980, -30.0220**.

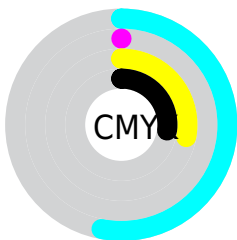
Distribution



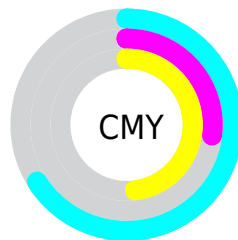
- Red (34%)
- Green (73%)
- Blue (52%)



- Red (34%)
- Yellow (60%)
- Blue (73%)



- Cyan (53%)
- Magenta (0%)
- Yellow (28%)
- Black (27%)



- Cyan (66%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.7700, -41.7160, -36.9480 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 149.7700, -41.7160, -36.9480 by changing the saturation by 10% instead.

■ 149.7700,
-41.7160, -36.9480

■ 149.7700,
-41.7160, -36.9480

■ 255.0000, -0.0000,
-0.0000

■ 122.4000,
-43.5500, -36.7500

■ 206.0150,
-41.0280, -38.4040

■ 92.9370, -49.5560,
-38.0360

■ 225.5090,
-36.3070, -30.3470

■ 68.4750, -48.1350,
-36.2550

■ 237.1870,
-28.9280, -15.3920

■ 51.2920, -34.1980,
-30.0220

■ 247.5250,
-14.9000, -5.3000

■ 34.8100, -20.8570,
-24.0010

■ 21.1320, -9.9000,
-18.8280

■ 0.0000, 0.0000,

0.0000

■ 149.7700,
-41.7160, -36.9480

■ 149.7700,
-41.7160, -36.9480

■ 142.9490,
-49.8300, -44.0860

■ 156.2920,
-34.1980, -30.0220

■ 136.4270,
-57.3480, -51.0120

■ 163.1130,
-26.0840, -22.8840

■ 129.7200,
-65.7830, -57.8390

■ 169.5210,
-18.2450, -16.2690

■ 123.1980,
-73.3010, -64.7650

■ 176.3420,
-10.1310, -9.1310

■ 118.5130,
-78.8020, -69.6980

■ 182.8640, -2.6130,
-2.2050

■ 189.6850, 5.5010,
4.9330

■ 196.2070, 13.0190,
11.8590

■ 203.0280, 21.1330,
18.9970

■ 209.4360, 28.9720,
25.6120

Harmonies

Analogous

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



157.7460, 2.3900, -32.3140



149.7700, -41.7160, -36.9480



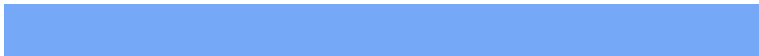
130.1920, -107.5540, -44.2100

Triad

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



149.7700, -41.7160, -36.9480



161.7570, -55.7550, 13.7570



167.4350, 65.1030, 15.0790

Complementary

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



149.7700, -41.7160, -36.9480



122.2300, 41.7160, 36.9480

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.



168.8540, 57.2140, 31.4060



149.7700, -41.7160, -36.9480



170.6770, -8.0750, 30.7170

Square

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



149.7700, -41.7160, -36.9480



132.4330, -126.2650, -18.9770



171.3690, 31.0790, 36.9910



165.5950, 58.0000, -4.8800

Rectangle

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



149.7700, -41.7160, -36.9480



132.6830, -115.9460, -35.2900



171.3690, 31.0790, 36.9910



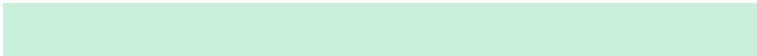
167.6510, 64.7350, 21.7510

Sweetspot

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



149.7700, -41.7160, -36.9480



225.9450, -16.5030, -14.7990



160.0740, 4.0420, -40.2300



111.7550, -9.8560, -8.6080



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



149.7700, -41.7160, -36.9480



184.6060, -65.4620, -58.1500



155.3560, -57.4450, -21.7090



88.7390, -3.7590, -3.4630



99.8940, -66.3330, -58.8850



17.9180, -11.8730, -10.6010

Inverse Universe

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



122.2300, 41.7160, 36.9480



141.3940, 65.4620, 58.1500



116.6440, 57.4450, 21.7090



86.1470, 4.0800, 3.1520



56.1060, 66.3330, 58.8850



10.0820, 11.8730, 10.6010

Previews

White Background



This preview shows how the YIQ color 149.7700, -41.7160, -36.9480 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 149.7700, -41.7160, -36.9480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

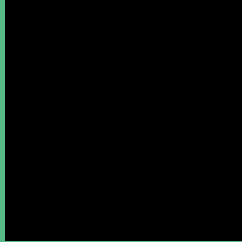
Any Text WCAG AA ✓ Pass

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 149.7700, -41.7160, -36.9480 Background



This preview shows how black text looks on a background with the YIQ color 149.7700, -41.7160, -36.9480.



This preview shows how white text looks on a background with the YIQ color 149.7700, -41.7160, -36.9480.

-36.9480.

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

149.7700, -41.7160, -36.9480

Protanopia

163.9140, 20.3130, -10.2070

Deuteranopia

166.2880, 25.4920, 0.5640



Tritanopia

156.5840, -48.9190, -11.0230

Trichromacy



Original Color

149.7700, -41.7160, -36.9480

Protanomaly

158.4980, -2.2430, -19.9310

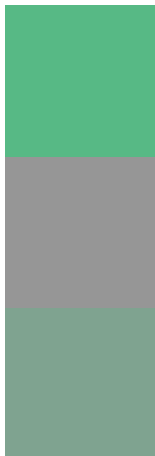
Deuteranomaly

159.9810, 1.0110, -12.8210

Tritanomaly

154.1570, -46.5790, -20.3950

Monochromacy



Original Color

149.7700, -41.7160, -36.9480

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0700, -15.3570, -13.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.7700, -41.7160, -36.9480 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(87, 185, 133)` looks like.

```
.text, #text, p{  
  color:rgb(87, 185, 133)  
}
```

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(87, 185, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 185, 133) }
```

Border

The CSS property to change the border of an element to YIQ 149.7700, -41.7160, -36.9480 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(87, 185, 133) }
```


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

```
.border{ border-color:rgb(87, 185, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 185, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 185, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 185, 133);  
box-shadow:4px 4px 4px 4px rgb(87, 185,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 149.7700, -41.7160, -36.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 185, 133) }
```

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

```
.background{ background-color: rgb(87, 185,  
133) }
```

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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