

Converting Colors

YIQ(164.1180, -16.4530,
-37.7410)

Have a look what the booklet for
YIQ(164.1180, -16.4530, -37.7410)
contains.

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Color

**YIQ(164.1180, -16.4530,
-37.7410)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC176
RGB	125, 193, 118
RGB Percent	49%, 76%, 46%
CMY	0.5100, 0.2430, 0.5373
CMYK	0.35, 0.00, 0.39, 0.24
HSL	114°, 38%, 61%
HSV	114°, 39%, 76%
XYZ	30.7958, 43.8164, 23.9733
YIQ	164.1180, -16.4530, -37.7410

Conversions

Conversions Part 2

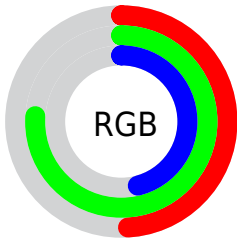
Format	Color
RYB	118, 193, 186
Decimal	8241526
CIELab	72.11, -36.35, 31.14
CIELCh	72, 47.863, 139.415
Yxy	43.8164, 0.3124, 0.4445
Android (android.graphics.Color)	4286431606 (0xFF7DC176)
YUV	164.1180, -22.7362, -34.3065
Hunter-Lab	66.1940, -32.7948, 24.8629

Details

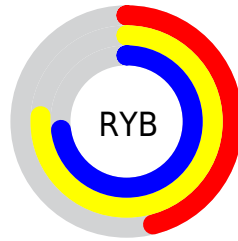
The YIQ color **164.1180, -16.4530, -37.7410** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **146.8820, 16.4530, 37.7410**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **220.0640, -16.3610, -39.4090**, and **110.8730, -17.1410, -36.2850** is the 20% darker color. If you saturate the color by 10%, you get **156.5700, -21.0820, -47.4660**, and if you desaturate by 10%, it is **171.3670, -12.4200, -28.2280**.

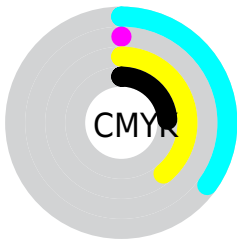
Distribution



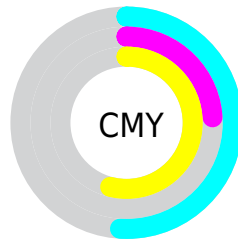
- Red (49%)
- Green (76%)
- Blue (46%)



- Red (46%)
- Yellow (76%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (39%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.1180, -16.4530, -37.7410 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 164.1180, -16.4530, -37.7410 by changing the saturation by 10% instead.

■ 164.1180,
-16.4530, -37.7410

■ 164.1180,
-16.4530, -37.7410

■ 255.0000, -0.0000,
-0.0000

■ 137.3460,
-17.0950, -37.1190

■ 220.0640,
-16.3610, -39.4090

■ 110.8730,
-17.1410, -36.2850

■ 234.4490, -9.7150,
-27.6910

■ 84.9160, -18.7000,
-35.5640

■ 246.4260, -1.7400,
-12.5240

■ 57.9370, -23.1930,
-36.7370

■ 37.5680, -17.6000,
-33.4720

■ 24.6540, -11.5500,
-21.9660

■ 8.2180, -3.8500,

-7.3220

■ 0.0000, 0.0000,
0.0000

■ 164.1180,
-16.4530, -37.7410

■ 164.1180,
-16.4530, -37.7410

■ 156.5700,
-21.0820, -47.4660

■ 171.3670,
-12.4200, -28.2280

■ 149.2070,
-24.7940, -57.2900

■ 179.0290, -8.1120,
-18.1920

■ 141.6590,
-29.4230, -67.0150

■ 186.2780, -4.0790,
-8.6790

■ 134.4100,
-33.4560, -76.5280

■ 193.8260, 0.5500,
1.0460

■ 126.7480,
-37.7640, -86.5640

■ 201.4880, 4.8580,
11.0820

■ 119.4990,
-41.7970, -96.0770

■ 208.7370, 8.8910,
20.5950

■ 118.6730,
-42.3470, -97.1230

■ 216.2850, 13.5200,
30.3200

■ 218.6060, 17.0500,
32.4260

Harmonies

Analogous

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



170.2340, 24.4430, -29.9970



164.1180, -16.4530, -37.7410



150.1990, -73.9010, -42.8690

Triad

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



164.1180, -16.4530, -37.7410



157.0890, -95.4570, -4.6170



176.6990, 64.7800, 26.4440

Complementary

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



164.1180, -16.4530, -37.7410



146.8820, 16.4530, 37.7410

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.



180.5190, 48.2720, 39.2800



164.1180, -16.4530, -37.7410



176.0910, -35.9040, 22.9440

Square

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



164.1180, -16.4530, -37.7410



142.0530, -131.3070, -26.7230



182.2450, 10.9970, 37.5010



176.4320, 69.1850, 7.1770

Rectangle

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



164.1180, -16.4530, -37.7410



138.4730, -115.7150, -44.9870



182.2450, 10.9970, 37.5010



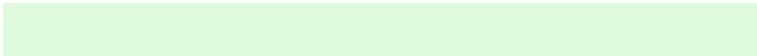
177.8220, 60.2400, 31.6320

Sweetspot

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



164.1180, -16.4530, -37.7410



238.5070, -6.4620, -15.0540



180.3410, 26.0000, -19.6640



118.1640, -3.7580, -8.9900



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.



164.1180, -16.4530, -37.7410



204.5550, -25.8940, -59.3820



165.4450, -30.2550, -29.8950



93.1690, -2.1540, -5.0180



98.9920, -35.3350, -81.0230



20.2680, -7.2870, -16.6230

Inverse Universe

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



146.8820, 16.4530, 37.7410



177.4450, 25.8940, 59.3820



145.5550, 30.2550, 29.8950



90.8310, 2.1540, 5.0180



62.0080, 35.3350, 81.0230



12.7320, 7.2870, 16.6230

Previews

White Background



This preview shows how the YIQ color 164.1180, -16.4530, -37.7410 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 164.1180, -16.4530, -37.7410 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 164.1180, -16.4530, -37.7410 Background



This preview shows how black text looks on a background with the YIQ color 164.1180, -16.4530, -37.7410.



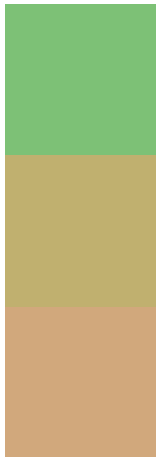
This preview shows how white text looks on a background with the YIQ color 164.1180, -16.4530, -37.7410.

-37.7410.

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

164.1180, -16.4530, -37.7410

Protanopia

173.3740, 30.4010, -16.8230

Deuteranopia

175.2430, 38.5600, -4.9920



Tritanopia

171.8530, -30.4430, -4.4510

Trichromacy



Original Color

164.1180, -16.4530, -37.7410

Protanomaly

170.0620, 13.4840, -24.1160

Deuteranomaly

171.0290, 18.2510, -16.8930

Tritanomaly

169.4000, -25.2140, -16.6220

Monochromacy



Original Color

164.1180, -16.4530, -37.7410

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.3330, -5.9120, -14.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.1180, -16.4530, -37.7410 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(125, 193, 118)` looks like.

```
.text, #text, p{  
    color:rgb(125, 193, 118)  
}
```

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(125, 193, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 193, 118) }
```

Border

The CSS property to change the border of an element to YIQ 164.1180, -16.4530, -37.7410 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(125, 193, 118) }
```


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

```
.border{ border-color:rgb(125, 193, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 193, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 193, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 193, 118);  
box-shadow:4px 4px 4px 4px rgb(125, 193,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 164.1180, -16.4530, -37.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 193, 118) }
```

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

```
.background{ background-color: rgb(125,  
193, 118) }
```

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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