

Converting Colors

YIQ(148.2990, -9.7130,
-38.7450)

Have a look what the booklet for
YIQ(148.2990, -9.7130, -38.7450)
contains.

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Color

**YIQ(148.2990, -9.7130,
-38.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	73B05D
RGB	115, 176, 93
RGB Percent	45%, 69%, 36%
CMY	0.5492, 0.3097, 0.6353
CMYK	0.35, 0.00, 0.47, 0.31
HSL	104°, 34%, 53%
HSV	104°, 47%, 69%
XYZ	24.5700, 35.4925, 15.9132
YIQ	148.2990, -9.7130, -38.7450

Conversions

Conversions Part 2

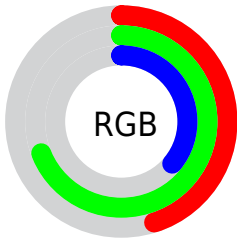
Format	Color
RYB	93, 176, 154
Decimal	7581789
CIELab	66.13, -35.50, 36.26
CIELCh	66, 50.740, 134.395
Yxy	35.4925, 0.3234, 0.4672
Android (android.graphics.Color)	4285771869 (0xFF73B05D)
YUV	148.2990, -27.2624, -29.2032
Hunter-Lab	59.5756, -30.6407, 25.8660

Details

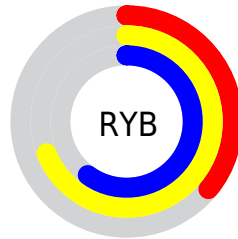
The YIQ color **148.2990, -9.7130, -38.7450** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **120.7010, 9.7130, 38.7450**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.2450, -9.6210, -40.4130**, and **95.7550, -10.9970, -37.5010** is the 20% darker color. If you saturate the color by 10%, you get **142.3600, -11.6830, -47.0990**, and if you desaturate by 10%, it is **154.2380, -7.7430, -30.3910**.

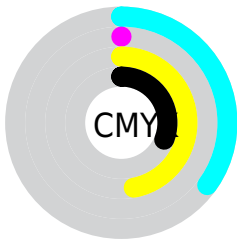
Distribution



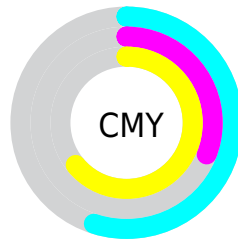
- Red (45%)
- Green (69%)
- Blue (36%)



- Red (36%)
- Yellow (69%)
- Blue (60%)



- Cyan (35%)
- Magenta (0%)
- Yellow (47%)
- Black (31%)



- Cyan (55%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.2990, -9.7130, -38.7450 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 148.2990, -9.7130, -38.7450 by changing the saturation by 10% instead.


 148.2990, -9.7130,
-38.7450

 148.2990, -9.7130,
-38.7450


 255.0000, -0.0000,
-0.0000

 121.8260, -9.7590,
-37.9110


 203.2450, -9.6210,
-40.4130

 95.7550, -10.9970,
-37.5010


 228.4950, -7.3290,
-37.8970


 70.1570, -12.1890,
-37.9250

 239.9450, 0.6920,
-23.5640

 42.8510, -20.0750,
-38.1790

 251.9220, 8.6670,
-8.3970

 29.3500, -13.7500,
-26.1500

 17.6100, -8.2500,
-15.6900

 0.0000, 0.0000,

0.0000

■ 148.2990, -9.7130,
-38.7450

■ 148.2990, -9.7130,
-38.7450

■ 142.3600,
-11.6830, -47.0990

■ 154.2380, -7.7430,
-30.3910

■ 136.5350,
-13.9740, -55.1420

■ 160.0630, -5.4520,
-22.3480

■ 130.5960,
-15.9440, -63.4960

■ 166.0020, -3.4820,
-13.9940

■ 124.7710,
-18.2350, -71.5390

■ 171.8270, -1.1910,
-5.9510

■ 118.8320,
-20.2050, -79.8930

■ 177.7660, 0.7790,
2.4030

■ 117.3650,
-20.3880, -82.0840

■ 183.7050, 2.7490,
10.7570

■ 189.5300, 5.0400,
18.8000

■ 195.4690, 7.0100,
27.1540

■ 201.2940, 9.3010,
35.1970

Harmonies

Analogous

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



154.2410, 31.7330, -29.9550



148.2990, -9.7130, -38.7450



130.8950, -76.1010, -47.0530

Triad

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



148.2990, -9.7130, -38.7450



129.2360, -126.9080, -12.8280



161.1280, 68.1260, 31.8860

Complementary

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



148.2990, -9.7130, -38.7450



120.7010, 9.7130, 38.7450

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.



164.2460, 44.7870, 41.8670



148.2990, -9.7130, -38.7450



157.9090, -50.0710, 20.8810

Square

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



148.2990, -9.7130, -38.7450



131.6690, -121.3580, -25.3100



165.3520, 3.3860, 37.7700



159.9210, 72.3020, 11.2620

Rectangle

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



148.2990, -9.7130, -38.7450



126.9320, -103.8860, -44.6060



165.3520, 3.3860, 37.7700



162.0660, 62.6690, 37.1730

Sweetspot

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



148.2990, -9.7130, -38.7450



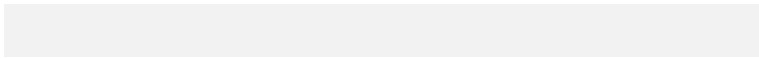
219.0620, -3.7110, -15.3510



153.6240, 32.6930, -14.3070



108.2350, -2.5200, -9.4000



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



148.2990, -9.7130, -38.7450



186.0630, -15.7610, -61.3050



143.8870, -28.9240, -37.5000



86.1800, -0.6870, -4.0710



101.7710, -18.2350, -71.5390



17.3550, -2.9780, -12.1140

Inverse Universe

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



120.7010, 9.7130, 38.7450



142.6380, 15.1650, 61.0930



125.1130, 28.9240, 37.5000



83.1190, 1.2830, 4.2830



51.2290, 18.2350, 71.5390



8.6450, 2.9780, 12.1140

Previews

White Background



This preview shows how the YIQ color 148.2990, -9.7130, -38.7450 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 148.2990, -9.7130, -38.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

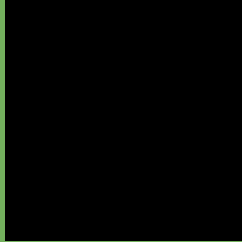
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 148.2990, -9.7130, -38.7450

Background



This preview shows how black text looks on a background with the YIQ color 148.2990, -9.7130, -38.7450.



This preview shows how white text looks on a background with the YIQ color 148.2990, -9.7130,

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

148.2990, -9.7130, -38.7450

Protanopia

156.4620, 32.9690, -19.3110

Deuteranopia

159.1030, 41.7700, -8.1020



Tritanopia

156.8320, -25.9500, -3.2780

Trichromacy



Original Color

148.2990, -9.7130, -38.7450

Protanomaly

153.6340, 17.5650, -26.4910

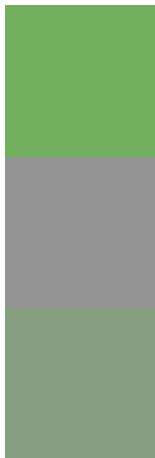
Deuteranomaly

154.9000, 22.9280, -19.0560

Tritanomaly

154.0370, -19.7580, -16.3820

Monochromacy



Original Color

148.2990, -9.7130, -38.7450

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.0020, -3.4820, -13.9940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.2990, -9.7130, -38.7450 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(115, 176, 93)` looks like.

```
.text, #text, p{  
    color:rgb(115, 176, 93)  
}
```

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(115, 176, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 176, 93) }
```

Border

The CSS property to change the border of an element to YIQ 148.2990, -9.7130, -38.7450 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(115, 176, 93) }
```


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

```
.border{ border-color:rgb(115, 176, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 176, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 176, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 176, 93);  
box-shadow:4px 4px 4px 4px rgb(115, 176,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 148.2990, -9.7130, -38.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 176, 93) }
```

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

```
.background{ background-color: rgb(115,  
176, 93) }
```

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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