

Converting Colors

YIQ(141.3690, 117.0540,
-6.8340)

Have a look what the booklet for
YIQ(141.3690, 117.0540, -6.8340)
contains.

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Color

**YIQ(141.3690, 117.0540,
-6.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	F97200
RGB	249, 114, 0
RGB Percent	98%, 45%, 0%
CMY	0.0233, 0.5531, 0.9994
CMYK	0.00, 0.54, 1.00, 0.02
HSL	27°, 100%, 49%
HSV	27°, 100%, 98%
XYZ	45.1013, 32.1735, 3.8371
YIQ	141.3690, 117.0540, -6.8340

Conversions

Conversions Part 2

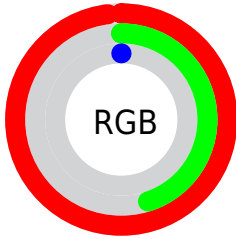
Format	Color
R_{YB}	249, 210, 0
Decimal	16347648
CIE Lab	63.49, 47.38, 71.47
CIE LCh	63, 85.751, 56.461
Yxy	32.1735, 0.5560, 0.3967
Android (android.graphics.Color)	4294537728 (0xFFFF97200)
YUV	141.3690, -69.6949, 94.3924
Hunter-Lab	56.7217, 42.6683, 35.6944

Details

The YIQ color **141.3690, 117.0540, -6.8340** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **107.6310, -117.0540, 6.8340**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.8410, 83.3100, -12.0340**, and **90.8230, 92.8890, 7.1050** is the 20% darker color. If you saturate the color by 10%, you get **141.3690, 117.0540, -6.8340**, and if you desaturate by 10%, it is **151.8500, 105.4540, -5.8580**.

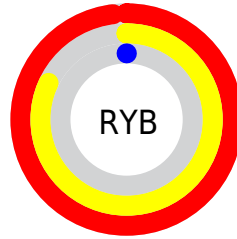
Distribution



Red (98%)

Green (45%)

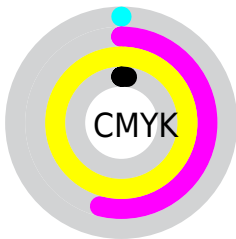
Blue (0%)



Red (98%)

Yellow (82%)

Blue (0%)

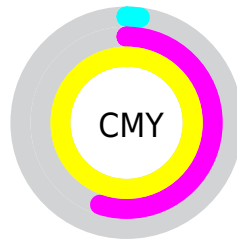


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (55%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 141.3690, 117.0540, -6.8340 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 141.3690, 117.0540, -6.8340 by changing the saturation by 10% instead.


 141.3690,
117.0540, -6.8340

 141.3690,
117.0540, -6.8340


255.0000, -0.0000,
-0.0000


 115.9520,
105.4070, 0.5030


 182.8410, 83.3100,
-12.0340


 91.1220, 93.4850,
7.3170


 202.3550, 66.9430,
-18.2810

 65.1180, 82.1130,
15.1770


 222.4560, 50.3010,
-25.0510

 36.4780, 72.7120,
25.8640

 242.6710, 33.3380,
-31.5100

 27.2090, 54.2360,
19.2920

 246.4500, 24.0750,
-23.3250


 18.9510, 37.2270,
13.6670

 249.6420, 15.0870,


 9.9810, 19.3470,


-14.6170


7.3070


 252.9480, 5.7780,
-5.5980


 0.0000, 0.0000,
0.0000


 141.3690,
117.0540, -6.8340

 151.8500,
105.4540, -5.8580

 162.9180, 93.5790,
-5.4050

 173.9860, 81.7040,
-4.9520

 184.4670, 70.1040,
-3.9760

 195.5350, 58.2290,
-3.5230

■ 206.0160, 46.6290,
-2.5470

■ 216.9700, 35.0750,
-2.4050

■ 227.4510, 23.4750,
-1.4290

■ 238.5190, 11.6000,
-0.9760

Harmonies

Analogous

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



128.8830, 102.9690, 44.7050



141.3690, 117.0540, -6.8340



144.5830, 74.3280, -36.4880

Triad

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



141.3690, 117.0540, -6.8340



125.3700, -96.7320, -53.1160



146.5650, -45.6260, 33.9420

Complementary

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



141.3690, 117.0540, -6.8340



107.6310, -117.0540, 6.8340

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.



126.5120, -127.5050, -7.5130



141.3690, 117.0540, -6.8340



134.8490, -122.0450, -29.3810

Square

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



141.3690, 117.0540, -6.8340



113.2010, -69.3560, -75.6920



135.9040, -131.9050, -15.8810



153.8630, 36.9410, 73.9410

Rectangle

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



141.3690, 117.0540, -6.8340



139.3350, 42.1910, -54.2970



135.9040, -131.9050, -15.8810



122.5130, -110.9100, 5.6180

Sweetspot

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



141.3690, 117.0540, -6.8340



221.6820, 35.9460, -1.6700



90.0690, 104.4270, 95.3950



108.0810, 21.6410, -1.2310



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.



141.3690, 117.0540, -6.8340



144.9240, 119.8050, -7.1310



213.5700, 83.2290, -71.1630



119.4090, 6.0980, -0.3820



106.9930, 88.9940, -4.9100



34.6750, 28.6560, -1.7120

Inverse Universe

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



107.6310, -117.0540, 6.8340



110.0760, -119.8050, 7.1310



36.0170, -83.5040, 70.6400



117.5910, -6.0980, 0.3820



81.4200, -88.7190, 5.4330



26.3250, -28.6560, 1.7120

Previews

White Background



This preview shows how the YIQ color 141.3690, 117.0540, -6.8340 looks on a white background.

Color Contrast Check

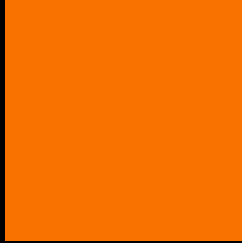
Large Text (above 18pt) WCAG AA × Fail

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 141.3690, 117.0540, -6.8340 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 141.3690, 117.0540, -6.8340

Background



This preview shows how black text looks on a background with the YIQ color 141.3690, 117.0540, -6.8340.



This preview shows how white text looks on a background with the YIQ color 141.3690, 117.0540,

-6.8340.

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

141.3690, 117.0540, -6.8340

Protanopia

145.6330, 53.6960, -37.0240

Deuteranopia

144.0070, 76.0700, -35.0180



Tritanopia

150.4520, 84.7690, 33.1290

Trichromacy



Original Color

141.3690, 117.0540, -6.8340

Protanomaly

143.9890, 76.4810, -25.9430

Deuteranomaly

142.9430, 91.2900, -24.5020

Tritanomaly

147.2400, 96.5090, 18.5970

Monochromacy



Original Color

141.3690, 117.0540, -6.8340

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.9770, 42.3650, -2.3630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.3690, 117.0540, -6.8340 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(249, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(249, 114, 0)  
}
```

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(249, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 114, 0) }
```

Border

The CSS property to change the border of an element to YIQ 141.3690, 117.0540, -6.8340 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(249, 114, 0) }
```


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

```
.border{ border-color:rgb(249, 114, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 114, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(249, 114,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 141.3690, 117.0540, -6.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 114, 0) }
```

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

```
.background{ background-color: rgb(249,  
114, 0) }
```

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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