

Converting Colors

YIQ(146.1900, 107.9730, 9.0690)

Have a look what the booklet for
YIQ(146.1900, 107.9730, 9.0690)
contains.

YIQ(146.1900, 107.9730, 9.0690)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(146.1900, 107.9730,
9.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F2A
RGB	255, 111, 42
RGB Percent	100%, 44%, 16%
CMY	0.0000, 0.5649, 0.8348
CMYK	0.00, 0.56, 0.83, 0.00
HSL	19°, 100%, 58%
HSV	19°, 83%, 100%
XYZ	47.3379, 32.7837, 6.0349
YIQ	146.1900, 107.9730, 9.0690

Conversions

Conversions Part 2

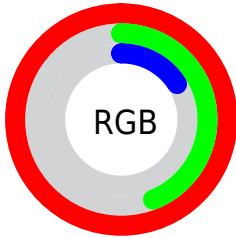
Format	Color
R_{YB}	255, 144, 42
Decimal	16740138
CIE Lab	63.99, 51.57, 61.65
CIE LCh	64, 80.375, 50.089
Yxy	32.7837, 0.5494, 0.3805
Android (android.graphics.Color)	4294930218 (0xFFFF6F2A)
YUV	146.1900, -51.3657, 95.4264
Hunter-Lab	57.2570, 47.3772, 33.8307

Details

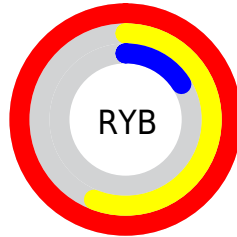
The YIQ color **146.1900, 107.9730, 9.0690** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **150.8100, -107.9730, -9.0690**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4030, 76.1560, -3.5240**, and **89.6820, 97.8400, 10.9920** is the 20% darker color. If you saturate the color by 10%, you get **133.3610, 120.6730, 10.1850**, and if you desaturate by 10%, it is **159.1330, 94.9520, 8.2640**.

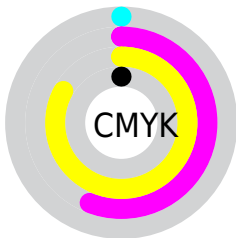
Distribution



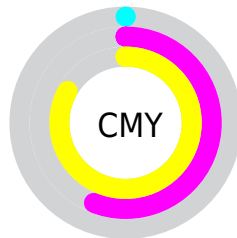
- Red (100%)
- Green (44%)
- Blue (16%)



- Red (100%)
- Yellow (56%)
- Blue (16%)



- Cyan (0%)
- Magenta (56%)
- Yellow (83%)
- Black (0%)





- Cyan (0%)
- Magenta (56%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.1900, 107.9730, 9.0690 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 146.1900, 107.9730, 9.0690 by changing the saturation by 10% instead.


 146.1900,
107.9730, 9.0690


 146.1900,
107.9730, 9.0690


255.0000, -0.0000,
-0.0000


 117.2390,
106.2770, 6.7650


 184.4030, 76.1560,
-3.5240


 89.6820, 97.8400,
10.9920


 203.8030, 60.1100,
-10.0820


 62.2160, 87.8890,
20.6330


 223.9040, 43.4680,
-16.8520

 37.9730, 75.6920,
26.9240

 244.1190, 26.5050,
-23.3110

 29.0030, 57.8120,
20.5640

 249.0720, 16.6920,
-16.1720

 20.4460, 40.2070,
14.7270

 252.2640, 7.7040,

 11.7750, 22.9230,

-7.4640

8.5790

■ 0.0000, 0.0000,
0.0000

■ 146.1900,
107.9730, 9.0690

■ 146.1900,
107.9730, 9.0690

■ 133.3610,
120.6730, 10.1850

■ 159.1330, 94.9520,
8.2640

■ 124.3790,
129.4300, 11.1740

■ 171.9620, 82.2520,
7.1480

■ 185.4920, 68.9560,
5.8200

■ 198.3210, 56.2560,
4.7040

■ 211.2640, 43.2350,
3.8990

■ 224.0930, 30.5350,
2.7830

■ 237.6230, 17.2390,
1.4550

■ 250.4520, 4.5390,
0.3390

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



134.6850, 94.8990, 47.7870



146.1900, 107.9730, 9.0690



145.5350, 83.4510, -31.1170

Triad

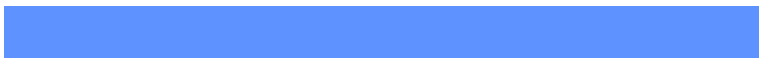
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



146.1900, 107.9730, 9.0690



123.1870, -91.9630, -56.9470



142.5790, -66.5770, 22.6630

Complementary

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



146.1900, 107.9730, 9.0690



150.8100, -107.9730, -9.0690

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.



129.4470, -128.8800, -10.1280



146.1900, 107.9730, 9.0690



132.7970, -116.2670, -34.9790

Square

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



146.1900, 107.9730, 9.0690



119.4870, -49.5500, -71.1980



136.4910, -132.1800, -16.4040



158.0130, 18.6030, 64.8670

Rectangle

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



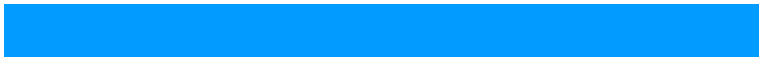
146.1900, 107.9730, 9.0690



142.9560, 53.7440, -48.9120



136.4910, -132.1800, -16.4040



120.6420, -124.7550, -2.2830

Sweetspot

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



146.1900, 107.9730, 9.0690



222.4630, 32.3690, 2.5850



122.3310, 80.0820, 90.5620



108.2920, 19.6690, 1.4690



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.



146.1900, 107.9730, 9.0690



124.3790, 129.4300, 11.1740



207.8250, 79.0980, -45.8460



121.2350, 6.6480, 0.6640



93.5030, 96.7860, 8.0660



31.4630, 32.3690, 2.5850

Inverse Universe

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



150.8100, -107.9730, -9.0690



130.6210, -129.4300, -11.1740



89.1750, -79.0980, 45.8460



121.1780, -6.3730, -0.1410



97.4970, -96.7860, -8.0660



32.5370, -32.3690, -2.5850

Previews

White Background



This preview shows how the YIQ color 146.1900, 107.9730, 9.0690 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 146.1900, 107.9730, 9.0690 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 146.1900, 107.9730, 9.0690

Background



This preview shows how black text looks on a background with the YIQ color 146.1900, 107.9730, 9.0690.



This preview shows how white text looks on a background with the YIQ color 146.1900, 107.9730,

9.0690.

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

146.1900, 107.9730, 9.0690

Protanopia

149.7540, 43.4700, -27.9060

Deuteranopia

147.8570, 68.0450, -27.2430



Tritanopia

151.3490, 86.5570, 33.7650

Trichromacy



Original Color

146.1900, 107.9730, 9.0690

Protanomaly

148.5770, 66.4380, -14.6340

Deuteranomaly

147.1890, 82.2100, -14.1260

Tritanomaly

149.5590, 94.3530, 24.6330

Monochromacy



Original Color

146.1900, 107.9730, 9.0690

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9970, 39.6130, 3.4610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.1900, 107.9730, 9.0690 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(255, 111, 42)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 42)  
}
```

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(255, 111, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 42) }
```

Border

The CSS property to change the border of an element to YIQ 146.1900, 107.9730, 9.0690 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(255, 111, 42) }
```


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

```
.border{ border-color:rgb(255, 111, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 42);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
42) }
```

Background

The CSS property to change the background color of an element to YIQ 146.1900, 107.9730, 9.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 42) }
```

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

```
.background{ background-color: rgb(255,  
111, 42) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor