

Converting Colors

YIQ(167.1740, 95.7340, -5.9140)

Have a look what the booklet for
YIQ(167.1740, 95.7340, -5.9140)
contains.

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Color

**YIQ(167.1740, 95.7340,
-5.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9133
RGB	255, 145, 51
RGB Percent	100%, 57%, 20%
CMY	0.0000, 0.4315, 0.7995
CMYK	0.00, 0.43, 0.80, 0.00
HSL	28°, 100%, 60%
HSV	28°, 80%, 100%
XYZ	51.9584, 41.7366, 8.4628
YIQ	167.1740, 95.7340, -5.9140

Conversions

Conversions Part 2

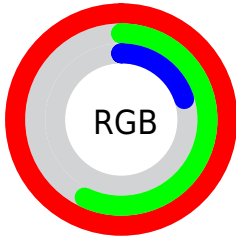
Format	Color
R_{YB}	255, 225, 51
Decimal	16748851
CIE _{Lab}	70.69, 35.17, 64.11
CIE _{LCh}	71, 73.125, 61.252
Yxy	41.7366, 0.5086, 0.4086
Android (android.graphics.Color)	4294938931 (0xFFFF9133)
YUV	167.1740, -57.2738, 77.0234
Hunter-Lab	64.6039, 30.5038, 37.4560

Details

The YIQ color **167.1740, 95.7340, -5.9140** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **138.8260, -95.7340, 5.9140**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.6150, 63.2750, -17.8850**, and **111.9990, 88.8570, -7.9350** is the 20% darker color. If you saturate the color by 10%, you get **156.1060, 107.6090, -6.3670**, and if you desaturate by 10%, it is **178.3560, 83.5380, -5.1500**.

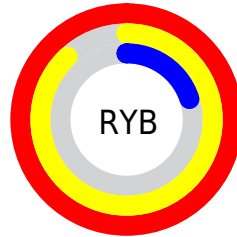
Distribution



Red (100%)

Green (57%)

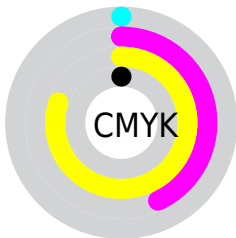
Blue (20%)



Red (100%)

Yellow (88%)

Blue (20%)

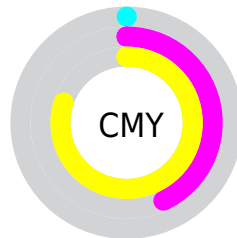


Cyan (0%)

Magenta (43%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 167.1740, 95.7340, -5.9140 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 167.1740, 95.7340, -5.9140 by changing the saturation by 10% instead.


 167.1740, 95.7340,
-5.9140


 167.1740, 95.7340,
-5.9140


255.0000, -0.0000,
-0.0000


 138.8100, 93.7630,
-8.7410


 205.6150, 63.2750,
-17.8850


 111.9990, 88.8570,
-7.9350


 225.1290, 46.9080,
-24.1320


 88.0550, 77.2560,
-1.4320


 244.0560, 30.8160,
-29.8560

 64.9970, 65.9760,
4.7600

 247.2480, 21.8280,
-21.1480

 40.7650, 55.2460,
11.9980

 250.4400, 12.8400,
-12.4400

 21.5280, 42.9120,
15.2640

 253.7460, 3.5310,

 14.4660, 28.2870,

-3.4210

10.4870

■ 0.0000, 0.0000,
0.0000

■ 167.1740, 95.7340,
-5.9140

■ 167.1740, 95.7340,
-5.9140

■ 156.1060,
107.6090, -6.3670

■ 178.3560, 83.5380,
-5.1500

■ 144.9240,
119.8050, -7.1310

■ 188.8370, 71.9380,
-4.1740

■ 200.0190, 59.7420,
-3.4100

■ 211.0870, 47.8670,
-2.9570

■ 222.2690, 35.6710,
-2.1930

■ 233.3370, 23.7960,
-1.7400

■ 243.9320, 11.8750,
-0.4530

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.



157.2360, 85.1370, 26.4570



167.1740, 95.7340, -5.9140



161.3020, 73.3210, -45.7750

Triad

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



167.1740, 95.7340, -5.9140



139.5840, -111.9540, -52.5780



171.7930, -19.9050, 35.8630

Complementary

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



167.1740, 95.7340, -5.9140



138.8260, -95.7340, 5.9140

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.



134.7300, -131.3550, -14.8350



167.1740, 95.7340, -5.9140



146.5210, -132.8650, -31.5290

Square

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



167.1740, 95.7340, -5.9140



128.7830, -88.4300, -71.4220



144.1220, -135.7550, -23.2030



176.1650, 41.4820, 63.2260

Rectangle

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



167.1740, 95.7340, -5.9140



158.6980, 36.7350, -54.5370



144.1220, -135.7550, -23.2030



165.4040, -47.0910, 21.9410

Sweetspot

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



167.1740, 95.7340, -5.9140



228.6750, 28.6560, -1.7120



124.7640, 85.6320, 78.0800



112.0420, 17.3770, -1.0470



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.



167.1740, 95.7340, -5.9140



149.5860, 114.9450, -7.1590



225.8740, 68.2340, -58.2140



122.4090, 6.0980, -0.3820



108.7650, 89.6360, -5.5320



36.1590, 30.1690, -1.5990

Inverse Universe

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



138.8260, -95.7340, 5.9140



115.4140, -114.9450, 7.1590



80.1260, -68.2340, 58.2140



120.5910, -6.0980, 0.3820



82.2350, -89.6360, 5.5320



27.2540, -29.8940, 2.1220

Previews

White Background



This preview shows how the YIQ color 167.1740, 95.7340, -5.9140 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 167.1740, 95.7340, -5.9140 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 167.1740, 95.7340, -5.9140

Background



This preview shows how black text looks on a background with the YIQ color 167.1740, 95.7340, -5.9140.



This preview shows how white text looks on a background with the YIQ color 167.1740, 95.7340, -5.9140.

-5.9140.

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

167.1740, 95.7340, -5.9140

Protanopia

166.8700, 48.8350, -31.5250

Deuteranopia

166.4660, 70.7040, -25.8720



Tritanopia

174.5960, 66.5680, 27.0800

Trichromacy



Original Color

167.1740, 95.7340, -5.9140

Protanomaly

166.6490, 65.9350, -22.0410

Deuteranomaly

166.5860, 79.4140, -18.5220

Tritanomaly

171.7800, 77.2530, 15.1490

Monochromacy



Original Color

167.1740, 95.7340, -5.9140

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.0840, 34.7540, -2.0940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.1740, 95.7340, -5.9140 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, 145, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 51)  
}
```

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, 145, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 51) }
```

Border

The CSS property to change the border of an element to YIQ 167.1740, 95.7340, -5.9140 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, 145, 51) }
```


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

```
.border{ border-color:rgb(255, 145, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 167.1740, 95.7340, -5.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 51) }
```

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

```
.background{ background-color: rgb(255,  
145, 51) }
```

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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