

Converting Colors

YIQ(168.3270, 73.3140, -7.0860)

Have a look what the booklet for
YIQ(168.3270, 73.3140, -7.0860)
contains.

YIQ(168.3270, 73.3140, -7.0860)	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(168.3270, 73.3140,
-7.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	EA994B
RGB	234, 153, 75
RGB Percent	92%, 60%, 29%
CMY	0.0822, 0.4001, 0.7055
CMYK	0.00, 0.35, 0.68, 0.08
HSL	29°, 79%, 61%
HSV	29°, 68%, 92%
XYZ	46.6025, 40.7791, 12.0876
YIQ	168.3270, 73.3140, -7.0860

Conversions

Conversions Part 2

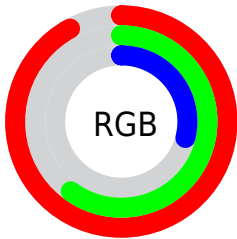
Format	Color
R _Y B	234, 228, 75
Decimal	15374667
CIE Lab	70.02, 23.49, 52.19
CIE LCh	70, 57.232, 65.768
Yxy	40.7791, 0.4685, 0.4100
Android (android.graphics.Color)	4293564747 (0xFFEA994B)
YUV	168.3270, -46.0102, 57.5952
Hunter-Lab	63.8585, 18.5126, 33.4781

Details

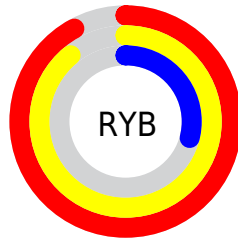
The YIQ color **168.3270, 73.3140, -7.0860** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **140.6730, -73.3140, 7.0860**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.8190, 54.0130, -15.2270**, and **114.5220, 68.2710, -9.3050** is the 20% darker color. If you saturate the color by 10%, you get **158.6610, 83.9970, -7.9630**, and if you desaturate by 10%, it is **177.9930, 62.6310, -6.2090**.

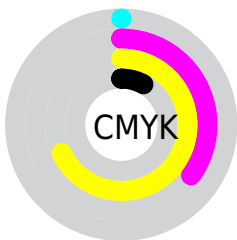
Distribution



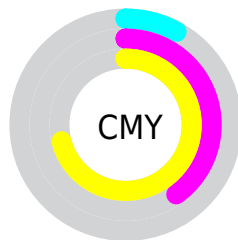
- Red (92%)
- Green (60%)
- Blue (29%)



- Red (92%)
- Yellow (89%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (68%)
- Black (8%)





- Cyan (8%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.3270, 73.3140, -7.0860 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 168.3270, 73.3140, -7.0860 by changing the saturation by 10% instead.


 168.3270, 73.3140,
-7.0860


 168.3270, 73.3140,
-7.0860


255.0000, -0.0000,
-0.0000


 141.2450, 70.6090,
-7.6230


 212.8190, 54.0130,
-15.2270

 114.5220, 68.2710,
-9.3050


 232.3330, 37.6460,
-21.4740


 88.2550, 64.6490,
-9.7430


 246.5640, 23.7540,
-23.0140

 66.3820, 54.2860,
-3.6500

 249.7560, 14.7660,
-14.3060

 44.7970, 43.0520,
1.7080

 253.0620, 5.4570,
-5.2870

 22.9240, 32.6890,
7.8010

 11.1770, 21.7310,

8.1550

■ 0.0000, 0.0000,
0.0000

■ 168.3270, 73.3140,
-7.0860

■ 168.3270, 73.3140,
-7.0860

■ 158.6610, 83.9970,
-7.9630

■ 177.9930, 62.6310,
-6.2090

■ 148.8810, 95.0010,
-9.1510

■ 187.7730, 51.6270,
-5.0210

■ 139.2150,
105.6840, -10.0280

■ 197.4390, 40.9440,
-4.1440

■ 137.4710,
107.8390, -10.5370

■ 207.2190, 29.9400,
-2.9560

■ 216.8850, 19.2570,
-2.0790

■ 226.6650, 8.2530,
-0.8910

■ 236.3310, -2.4300,
-0.0140

■ 244.6120,
-10.5910, -0.7910

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



167.7850, 78.8570, 19.1210



168.3270, 73.3140, -7.0860



165.0270, 46.9550, -30.4930

Triad

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



168.3270, 73.3140, -7.0860



136.1590, -111.9550, -47.0510



174.7940, -12.4780, 38.9300

Complementary

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



168.3270, 73.3140, -7.0860



140.6730, -73.3140, 7.0860

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.



157.5310, -75.7900, 7.9060



168.3270, 73.3140, -7.0860



140.6850, -127.4550, -30.4550

Square

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



168.3270, 73.3140, -7.0860



144.6870, -61.0160, -50.6160



139.4260, -133.5550, -19.0190



175.2380, 39.2380, 48.8220

Rectangle

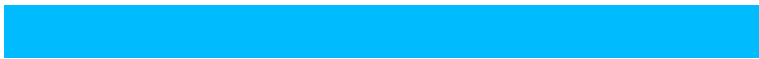
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



168.3270, 73.3140, -7.0860



161.6860, 19.8140, -39.7220



139.4260, -133.5550, -19.0190



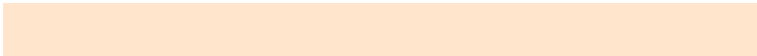
171.1290, -29.8990, 29.7570

Sweetspot

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



168.3270, 73.3140, -7.0860



233.9240, 23.5210, -2.2630



131.8890, 68.4420, 59.2100



115.0740, 14.3510, -1.2730



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.



168.3270, 73.3140, -7.0860



169.7670, 95.3220, -9.4620



214.1130, 51.8640, -47.8800



112.2240, 5.1810, -0.2830



106.3620, 83.4010, -8.1750



31.4080, 25.0340, -2.1500

Inverse Universe

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



140.6730, -73.3140, 7.0860



133.8200, -95.5970, 8.9390



94.8870, -51.8640, 47.8800



110.7760, -5.1810, 0.2830



74.6380, -83.4010, 8.1750



22.0050, -24.7590, 2.6730

Previews

White Background



This preview shows how the YIQ color 168.3270, 73.3140, -7.0860 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 168.3270, 73.3140, -7.0860 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 168.3270, 73.3140, -7.0860

Background



This preview shows how black text looks on a background with the YIQ color 168.3270, 73.3140, -7.0860.



This preview shows how white text looks on a background with the YIQ color 168.3270, 73.3140,

-7.0860.

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

168.3270, 73.3140, -7.0860

Protanopia

167.0080, 39.9390, -24.4850

Deuteranopia

167.5760, 59.0110, -17.7010



Tritanopia

173.6590, 53.0890, 23.5610

Trichromacy



Original Color

168.3270, 73.3140, -7.0860

Protanomaly

167.4550, 52.0420, -18.0540

Deuteranomaly

167.7340, 64.5580, -13.6020

Tritanomaly

171.5160, 60.3810, 12.5490

Monochromacy



Original Color

168.3270, 73.3140, -7.0860

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.3650, 26.5930, -2.8710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3270, 73.3140, -7.0860 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(234, 153, 75)` looks like.

```
.text, #text, p{  
    color:rgb(234, 153, 75)  
}
```

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(234, 153, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 153, 75) }
```

Border

The CSS property to change the border of an element to YIQ 168.3270, 73.3140, -7.0860 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(234, 153, 75) }
```


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

```
.border{ border-color:rgb(234, 153, 75) }
```

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

Here you see how a box with a 4 pixel rgb(234, 153, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 153, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 153, 75);  
box-shadow:4px 4px 4px 4px rgb(234, 153,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3270, 73.3140, -7.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 153, 75) }
```

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

```
.background{ background-color: rgb(234,  
153, 75) }
```

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