

Converting Colors

YIQ(143.6140, 109.7150,
10.5390)

Have a look what the booklet for
YIQ(143.6140, 109.7150, 10.5390)
contains.

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Color

**YIQ(143.6140, 109.7150,
10.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B28
RGB	255, 107, 40
RGB Percent	100%, 42%, 16%
CMY	0.0000, 0.5806, 0.8426
CMYK	0.00, 0.58, 0.84, 0.00
HSL	19°, 100%, 58%
HSV	19°, 84%, 100%
XYZ	46.8763, 31.9164, 5.7084
YIQ	143.6140, 109.7150, 10.5390

Conversions

Conversions Part 2

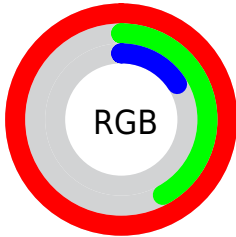
Format	Color
R_{YB}	255, 137, 40
Decimal	16739112
CIE Lab	63.27, 53.34, 61.82
CIE LCh	63, 81.657, 49.212
Yxy	31.9164, 0.5547, 0.3777
Android (android.graphics.Color)	4294929192 (0xFFFF6B28)
YUV	143.6140, -51.0817, 97.6855
Hunter-Lab	56.4946, 49.2444, 33.5554

Details

The YIQ color **143.6140, 109.7150, 10.5390** 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 **151.3860, -109.7150, -10.5390**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8270, 77.8980, -2.0540**, and **87.3340, 98.9400, 13.0840** is the 20% darker color. If you saturate the color by 10%, you get **130.1980, 122.6900, 12.1780**, and if you desaturate by 10%, it is **157.1440, 96.4190, 9.2110**.

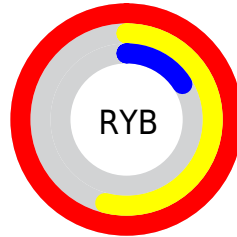
Distribution



Red (100%)

Green (42%)

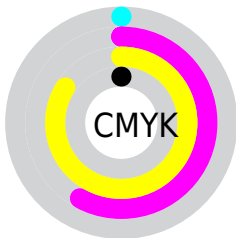
Blue (16%)



Red (100%)

Yellow (54%)

Blue (16%)

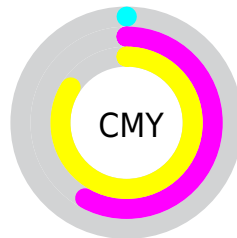


Cyan (0%)

Magenta (58%)

Yellow (84%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 143.6140, 109.7150, 10.5390 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 143.6140, 109.7150, 10.5390 by changing the saturation by 10% instead.


 143.6140,
109.7150, 10.5390


 143.6140,
109.7150, 10.5390


255.0000, -0.0000,
-0.0000


 114.2500,
107.7440, 7.7120


 181.8270, 77.8980,
-2.0540


 86.7470, 99.2150,
13.6070


 201.2270, 61.8520,
-8.6120

 57.5200, 90.0890,
24.8170


 221.3280, 45.2100,
-15.3820

 37.9730, 75.6920,
26.9240

 242.0160, 28.2930,
-22.6750

 28.7040, 57.2160,
20.3520

 248.7300, 17.6550,
-17.1050

 20.4460, 40.2070,
14.7270

 252.0360, 8.3460,

 11.4760, 22.3270,

-8.0860

8.3670

■ 0.0000, 0.0000,
0.0000

■ 143.6140,
109.7150, 10.5390

■ 143.6140,
109.7150, 10.5390

■ 130.1980,
122.6900, 12.1780

■ 157.1440, 96.4190,
9.2110

■ 122.6180,
130.2550, 12.7430

■ 169.9730, 83.7190,
8.0950

■ 183.5030, 70.4230,
6.7670

■ 196.3320, 57.7230,
5.6510

■ 209.8620, 44.4270,
4.3230

■ 222.6910, 31.7270,
3.2070

■ 236.2210, 18.4310,
1.8790

■ 249.6370, 5.4560,
0.2400

■ 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.



131.0490, 96.8700, 50.6140



143.6140, 109.7150, 10.5390



144.3610, 84.0010, -30.0710

Triad

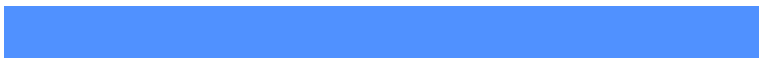
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



143.6140, 109.7150, 10.5390



122.1440, -90.4040, -57.6680



138.1050, -74.0500, 20.4300

Complementary

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



143.6140, 109.7150, 10.5390



151.3860, -109.7150, -10.5390

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.



128.8600, -128.6050, -9.6050



143.6140, 109.7150, 10.5390



131.2810, -114.7540, -34.8660

Square

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



143.6140, 109.7150, 10.5390



116.9170, -47.9450, -72.7530



135.9040, -131.9050, -15.8810



156.0560, 17.0440, 65.5880

Rectangle

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



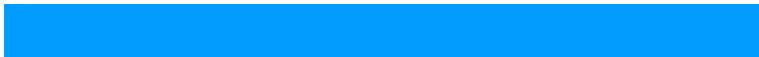
143.6140, 109.7150, 10.5390



141.1950, 54.5690, -47.3430



135.9040, -131.9050, -15.8810



120.0550, -124.4800, -1.7600

Sweetspot

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



143.6140, 109.7150, 10.5390



221.8760, 32.6440, 3.1080



121.4990, 79.6690, 92.5410



107.7050, 19.9440, 1.9920



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.



143.6140, 109.7150, 10.5390



122.6180, 130.2550, 12.7430



205.2490, 80.8400, -44.3760



121.2350, 6.6480, 0.6640



91.7420, 97.6110, 9.6350



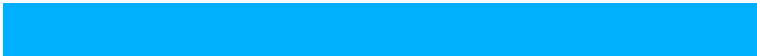
30.8760, 32.6440, 3.1080

Inverse Universe

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



151.3860, -109.7150, -10.5390



132.3820, -130.2550, -12.7430



89.7510, -80.8400, 44.3760



121.7650, -6.6480, -0.6640



99.2580, -97.6110, -9.6350



33.1240, -32.6440, -3.1080

Previews

White Background



This preview shows how the YIQ color 143.6140, 109.7150, 10.5390 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 143.6140, 109.7150, 10.5390 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 143.6140, 109.7150, 10.5390

Background



This preview shows how black text looks on a background with the YIQ color 143.6140, 109.7150, 10.5390.



This preview shows how white text looks on a background with the YIQ color 143.6140, 109.7150, 10.5390.

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

143.6140, 109.7150, 10.5390

Protanopia

147.7540, 43.4700, -27.9060

Deuteranopia

146.1020, 68.7330, -28.6990



Tritanopia

148.4310, 89.2620, 34.3020

Trichromacy



Original Color

143.6140, 109.7150, 10.5390

Protanomaly

146.2890, 67.3090, -13.8990

Deuteranomaly

145.2600, 83.4480, -14.5360

Tritanomaly

146.7550, 96.7370, 25.4810

Monochromacy



Original Color

143.6140, 109.7150, 10.5390

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

143.9970, 39.6130, 3.4610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.6140, 109.7150, 10.5390 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, 107, 40)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 40)  
}
```

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, 107, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 40) }
```

Border

The CSS property to change the border of an element to YIQ 143.6140, 109.7150, 10.5390 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, 107, 40) }
```


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

```
.border{ border-color:rgb(255, 107, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 40);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 143.6140, 109.7150, 10.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 40) }
```

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

```
.background{ background-color: rgb(255,  
107, 40) }
```

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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