

Converting Colors

YIQ(162.5460, 103.2540,
-10.0420)

Have a look what the booklet for
YIQ(162.5460, 103.2540, -10.0420)
contains.

| | |
|--|----|
| YIQ(162.5460, 103.2540, -10.0420) | 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(162.5460, 103.2540,
-10.0420)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | FF8D1F |
| RGB | 255, 141, 31 |
| RGB Percent | 100%, 55%, 12% |
| CMY | 0.0000, 0.4472, 0.8779 |
| CMYK | 0.00, 0.45, 0.88, 0.00 |
| HSL | 29°, 100%, 56% |
| HSV | 29°, 88%, 100% |
| XYZ | 51.0068, 40.3951, 6.4138 |
| YIQ | 162.5460, 103.2540, -10.0420 |

Conversions

Conversions Part 2

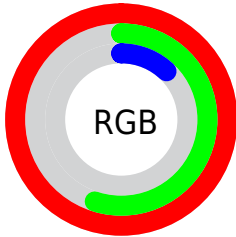
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 247, 31 |
| Decimal | 16747807 |
| CIE Lab | 69.75, 36.71, 70.03 |
| CIE LCh | 70, 79.064, 62.338 |
| Yxy | 40.3951, 0.5215, 0.4130 |
| Android (android.graphics.Color) | 4294937887 (0xFFFF8D1F) |
| YUV | 162.5460, -64.8522, 81.0822 |
| Hunter-Lab | 63.5572, 32.0272, 38.5069 |

Details

The YIQ color **162.5460, 103.2540, -10.0420** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **123.4540, -103.2540, 10.0420**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.4430, 69.5110, -20.7690**, and **109.3520, 89.3610, -6.0550** is the 20% darker color. If you saturate the color by 10%, you get **152.0650, 114.8540, -11.0180**, and if you desaturate by 10%, it is **173.1410, 91.3330, -8.7550**.

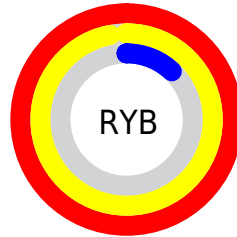
Distribution



Red (100%)

Green (55%)

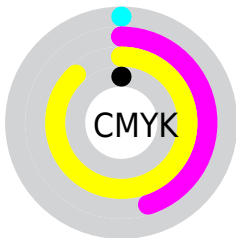
Blue (12%)



Red (100%)

Yellow (97%)

Blue (12%)

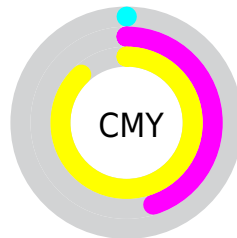


Cyan (0%)

Magenta (45%)

Yellow (88%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.5460, 103.2540, -10.0420 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 162.5460, 103.2540, -10.0420 by changing the saturation by 10% instead.


 162.5460,
103.2540, -10.0420


 162.5460,
103.2540, -10.0420


255.0000, -0.0000,
-0.0000


 134.1820,
101.2830, -12.8690


 201.4430, 69.5110,
-20.7690


 109.3520, 89.3610,
-6.0550


 220.9570, 53.1440,
-27.0160

 85.4080, 77.7600,
0.4480


 241.1720, 36.1810,
-33.4750

 62.0510, 65.8840,
6.4280

 245.4240, 26.9640,
-26.1240

 36.9440, 56.3000,
14.9240

 248.7300, 17.6550,
-17.1050

 21.2290, 42.3160,
15.0520

 252.0360, 8.3460,

 14.2810, 27.3700,

-8.0860

10.5860

■ 0.0000, 0.0000,
0.0000

■ 162.5460,
103.2540, -10.0420

■ 162.5460,
103.2540, -10.0420

■ 152.0650,
114.8540, -11.0180

■ 173.1410, 91.3330,
-8.7550

■ 149.6200,
117.6050, -11.3150

■ 183.6220, 79.7330,
-7.7790

■ 194.2170, 67.8120,
-6.4920

■ 204.6980, 56.2120,
-5.5160

■ 215.2930, 44.2910,
-4.2290

■ 225.7740, 32.6910,
-3.2530

■ 236.3690, 20.7700,
-1.9660

■ 246.8500, 9.1700,
-0.9900

■ 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.



151.4000, 90.5470, 27.5310



162.5460, 103.2540, -10.0420



158.7040, 72.1290, -46.1990

Triad

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



162.5460, 103.2540, -10.0420



138.9970, -111.6790, -52.0550



168.8580, -18.5300, 38.4780

Complementary

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



162.5460, 103.2540, -10.0420



123.4540, -103.2540, 10.0420

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.



132.9690, -130.5300, -13.2660



162.5460, 103.2540, -10.0420



146.6180, -134.5160, -29.1400

Square

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



162.5460, 103.2540, -10.0420



127.6260, -86.5500, -72.4540



143.5350, -135.4800, -22.6800



170.2950, 44.2320, 68.4560

Rectangle

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



162.5460, 103.2540, -10.0420



152.8690, 40.2670, -63.4850



143.5350, -135.4800, -22.6800



160.9740, -48.6960, 23.4960

Sweetspot

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



162.5460, 103.2540, -10.0420



227.5180, 30.5360, -2.7440



111.2000, 96.2680, 83.5640



111.1130, 18.6150, -1.4570



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.



162.5460, 103.2540, -10.0420



149.6200, 117.6050, -11.3150



227.1160, 73.0040, -67.5720



122.4090, 6.0980, -0.3820



112.2870, 87.9860, -8.6700



37.3330, 29.6190, -2.6450

Inverse Universe

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



123.4540, -103.2540, 10.0420



105.3800, -117.6050, 11.3150



58.8840, -73.0040, 67.5720



120.0040, -5.8230, 0.9050



78.7130, -87.9860, 8.6700



26.0800, -29.3440, 3.1680

Previews

White Background



This preview shows how the YIQ color 162.5460, 103.2540, -10.0420 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 162.5460, 103.2540, -10.0420 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 162.5460, 103.2540, -10.0420 Background



This preview shows how black text looks on a background with the YIQ color 162.5460, 103.2540, -10.0420.



This preview shows how white text looks on a background with the YIQ color 162.5460, 103.2540, -10.0420.

-10.0420.

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

162.5460, 103.2540, -10.0420

Protanopia

162.2310, 54.8880, -36.6000

Deuteranopia

161.0460, 80.3340, -35.2020



Tritanopia

171.2050, 69.2270, 28.4510

Trichromacy



Original Color

162.5460, 103.2540, -10.0420

Protanomaly

162.3090, 72.5840, -26.9040

Deuteranomaly

161.3340, 88.6310, -25.8730

Tritanomaly

168.2920, 81.5630, 14.1310

Monochromacy



Original Color

162.5460, 103.2540, -10.0420

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.6990, 37.2760, -3.7480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.5460, 103.2540, -10.0420 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, 141, 31)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 31)  
}
```

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, 141, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 31) }
```

Border

The CSS property to change the border of an element to YIQ 162.5460, 103.2540, -10.0420 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, 141, 31) }
```


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

```
.border{ border-color:rgb(255, 141, 31) }
```

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

Here you see how a box with a 4 pixel rgb(255, 141, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 31);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 162.5460, 103.2540, -10.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 31) }
```

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

```
.background{ background-color: rgb(255,  
141, 31) }
```

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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