

Converting Colors

YIQ(163.1230, 74.5490, 9.0850)

Have a look what the booklet for
YIQ(163.1230, 74.5490, 9.0850)
contains.

YIQ(163.1230, 74.5490, 9.0850)	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(163.1230, 74.5490,
9.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	F08960
RGB	240, 137, 96
RGB Percent	94%, 54%, 38%
CMY	0.0586, 0.4629, 0.6232
CMYK	0.00, 0.43, 0.60, 0.06
HSL	17°, 83%, 66%
HSV	17°, 60%, 94%
XYZ	47.0089, 37.2601, 15.8008
YIQ	163.1230, 74.5490, 9.0850

Conversions

Conversions Part 2

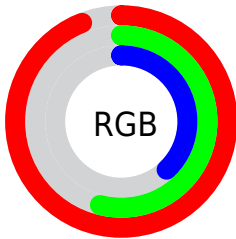
Format	Color
RYB	240, 153, 96
Decimal	15763808
CIELab	67.47, 35.62, 38.82
CIELCh	67, 52.684, 47.459
Yxy	37.2601, 0.4698, 0.3723
Android (android.graphics.Color)	4293953888 (0xFFFF08960)
YUV	163.1230, -33.0916, 67.4211
Hunter-Lab	61.0411, 30.6443, 27.3812

Details

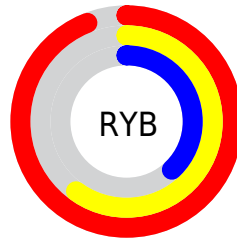
The YIQ color **163.1230, 74.5490, 9.0850** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **172.8770, -74.5490, -9.0850**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.1200, 52.2680, -0.1160**, and **108.8880, 67.9010, 8.4210** is the 20% darker color. If you saturate the color by 10%, you get **150.4080, 86.9280, 10.5120**, and if you desaturate by 10%, it is **175.8380, 62.1700, 7.6580**.

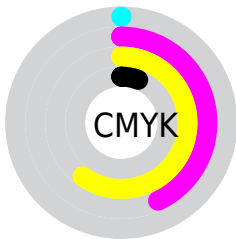
Distribution



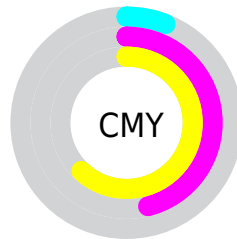
- Red (94%)
- Green (54%)
- Blue (38%)



- Red (94%)
- Yellow (60%)
- Blue (38%)



- Cyan (0%)
- Magenta (43%)
- Yellow (60%)
- Black (6%)





- Cyan (6%)
- Magenta (46%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.1230, 74.5490, 9.0850 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 163.1230, 74.5490, 9.0850 by changing the saturation by 10% instead.


 163.1230, 74.5490,
9.0850


 163.1230, 74.5490,
9.0850


255.0000, -0.0000,
-0.0000

 135.8560, 70.9270,
8.6470


 205.1200, 52.2680,
-0.1160


 108.8880, 67.9010,
8.4210


 225.2210, 35.6260,
-6.8860


 82.9200, 64.8750,
8.1950

 245.4360, 18.6630,
-13.3450

 57.1260, 61.2990,
6.9230

 252.1500, 8.0250,
-7.7750

 31.6170, 52.9070,
15.8430

 18.8370, 37.5480,
13.3560

 11.4760, 22.3270,

8.3670

■ 0.0000, 0.0000,
0.0000

■ 163.1230, 74.5490,
9.0850

■ 163.1230, 74.5490,
9.0850

■ 150.4080, 86.9280,
10.5120

■ 175.8380, 62.1700,
7.6580

■ 137.6930, 99.3070,
11.9390

■ 188.5530, 49.7910,
6.2310

■ 124.3910,
111.9610, 13.8890

■ 201.8550, 37.1370,
4.2810

■ 111.6760,
124.3400, 15.3160

■ 214.5700, 24.7580,
2.8540

■ 227.2850, 12.3790,
1.4270

■ 240.0000, -0.0000,
-0.0000

■ 250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



164.1670, 72.3900, 31.7020



163.1230, 74.5490, 9.0850



161.3420, 59.7900, -15.2980

Triad

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



163.1230, 74.5490, 9.0850



125.9570, -97.0070, -53.6390



162.7570, -46.5870, 23.8210

Complementary

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



163.1230, 74.5490, 9.0850



172.8770, -74.5490, -9.0850

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.



131.7950, -129.9800, -12.2200



163.1230, 74.5490, 9.0850



132.1300, -113.0110, -38.9230

Square

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



163.1230, 74.5490, 9.0850



150.1950, -15.3520, -41.1760



135.1570, -125.6680, -24.2920



169.5700, 8.7040, 40.5120

Rectangle

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



163.1230, 74.5490, 9.0850



158.6720, 40.7650, -28.4430



135.1570, -125.6680, -24.2920



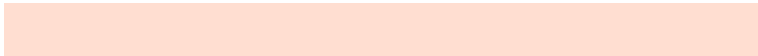
156.1240, -67.0340, 14.4220

Sweetspot

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



163.1230, 74.5490, 9.0850



230.3850, 23.8410, 2.9530



150.7980, 52.7610, 62.5610



112.3670, 15.0840, 1.9640



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.



163.1230, 74.5490, 9.0850



157.1270, 95.0890, 11.2890



205.3870, 54.7490, -28.5710



113.3490, 6.3270, 0.9750



85.5400, 95.3640, 11.8120



26.1360, 28.9760, 3.5040

Inverse Universe

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



172.8770, -74.5490, -9.0850



169.4600, -95.3640, -11.8120



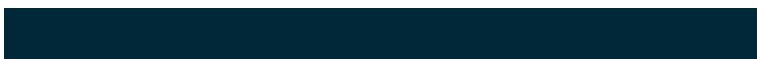
130.6130, -54.7490, 28.5710



114.0640, -6.0520, -0.4520



97.8730, -95.0890, -11.2890



29.8640, -28.9760, -3.5040

Previews

White Background



This preview shows how the YIQ color 163.1230, 74.5490, 9.0850 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 163.1230, 74.5490, 9.0850 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 163.1230, 74.5490, 9.0850

Background



This preview shows how black text looks on a background with the YIQ color 163.1230, 74.5490, 9.0850.



This preview shows how white text looks on a background with the YIQ color 163.1230, 74.5490,

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

163.1230, 74.5490, 9.0850

Protanopia

162.5740, 26.9620, -15.0700

Deuteranopia

162.7460, 47.0890, -10.8870



Tritanopia

165.6280, 63.5420, 26.8540

Trichromacy



Original Color

163.1230, 74.5490, 9.0850

Protanomaly

162.8260, 44.1080, -6.4200

Deuteranomaly

162.9370, 57.0370, -3.9470

Tritanomaly

164.6790, 67.5320, 20.6200

Monochromacy



Original Color

163.1230, 74.5490, 9.0850

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

163.3530, 26.8670, 3.1790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.1230, 74.5490, 9.0850 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(240, 137, 96)` looks like.

```
.text, #text, p{  
    color:rgb(240, 137, 96)  
}
```

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(240, 137, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 137, 96) }
```

Border

The CSS property to change the border of an element to YIQ 163.1230, 74.5490, 9.0850 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(240, 137, 96) }
```


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

```
.border{ border-color:rgb(240, 137, 96) }
```

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

Here you see how a box with a 4 pixel rgb(240, 137, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 137, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 137, 96);  
box-shadow:4px 4px 4px 4px rgb(240, 137,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 163.1230, 74.5490, 9.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 137, 96) }
```

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

```
.background{ background-color: rgb(240,  
137, 96) }
```

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