

Converting Colors

YIQ(138.9120, 94.8570, 26.5130)

Have a look what the booklet for
YIQ(138.9120, 94.8570, 26.5130)
contains.

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Color

**YIQ(138.9120, 94.8570,
26.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	F6604F
RGB	246, 96, 79
RGB Percent	96%, 38%, 31%
CMY	0.0350, 0.6237, 0.6898
CMYK	0.00, 0.61, 0.68, 0.03
HSL	6°, 90%, 64%
HSV	6°, 68%, 97%
XYZ	43.6290, 28.5290, 10.6233
YIQ	138.9120, 94.8570, 26.5130

Conversions

Conversions Part 2

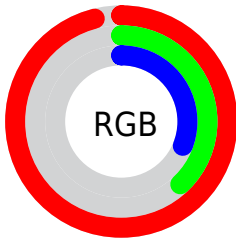
Format	Color
R_{YB}	246, 98, 79
Decimal	16146511
CIE Lab	60.36, 56.55, 39.59
CIE LCh	60, 69.027, 34.997
Yxy	28.5290, 0.5270, 0.3446
Android (android.graphics.Color)	4294336591 (0xFFFF6604F)
YUV	138.9120, -29.5366, 93.9162
Hunter-Lab	53.4125, 52.3325, 25.5966

Details

The YIQ color **138.9120, 94.8570, 26.5130** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed orange. A complement of this color would be **186.0880, -94.8570, -26.5130**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1750, 68.7710, 14.6830**, and **80.1980, 88.3000, 29.7080** is the 20% darker color. If you saturate the color by 10%, you get **123.1480, 108.9320, 30.2440**, and if you desaturate by 10%, it is **154.6760, 80.7820, 22.7820**.

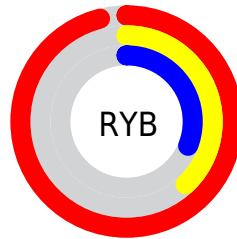
Distribution



Red (96%)

Green (38%)

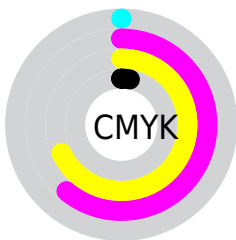
Blue (31%)



Red (96%)

Yellow (38%)

Blue (31%)

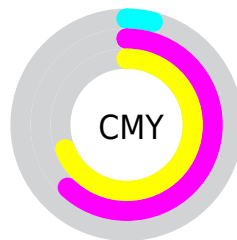


Cyan (0%)

Magenta (61%)

Yellow (68%)

Black (3%)



Cyan (4%)


Magenta (62%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.9120, 94.8570, 26.5130 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 138.9120, 94.8570, 26.5130 by changing the saturation by 10% instead.


 138.9120, 94.8570,
26.5130


 138.9120, 94.8570,
26.5130


255.0000, -0.0000,
-0.0000


 110.2860, 90.8680,
27.2200


 180.1750, 68.7710,
14.6830


 80.1980, 88.3000,
29.7080


 199.5750, 52.7250,
8.1250


 46.8160, 86.7400,
35.9560


 219.6760, 36.0830,
1.3550

 36.1790, 72.1160,
25.6520

 239.8910, 19.1200,
-5.1040

 26.9100, 53.6400,
19.0800

 253.0620, 5.4570,
-5.2870

 19.1790, 36.5850,
14.2890

 8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,
0.0000

■ 138.9120, 94.8570,
26.5130

■ 138.9120, 94.8570,
26.5130

■ 123.1480,
108.9320, 30.2440

■ 154.6760, 80.7820,
22.7820

■ 107.4980,
122.6860, 34.2860

■ 170.3260, 67.0280,
18.7400

■ 91.7340, 136.7610,
38.0170

■ 186.0900, 52.9530,
15.0090

■ 88.2290, 139.7410,
39.0770

■ 201.8540, 38.8780,
11.2780

■ 218.0910, 24.8490,
6.7130

233.8550, 10.7740,
2.9820

249.5050, -2.9800,
-1.0600

252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



138.9260, 84.2150, 54.1910



138.9120, 94.8570, 26.5130



138.8090, 86.3360, -11.8080

Triad

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



138.9120, 94.8570, 26.5130



110.1640, -75.9610, -60.6090



117.1200, -123.1050, 0.8550

Complementary

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



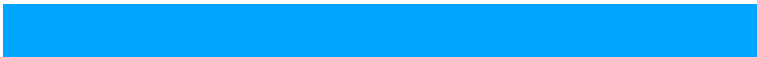
138.9120, 94.8570, 26.5130



186.0880, -94.8570, -26.5130

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.



125.9250, -127.2300, -6.9900



138.9120, 94.8570, 26.5130



119.1070, -97.0090, -42.5850

Square

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



138.9120, 94.8570, 26.5130



128.1260, 6.2910, -53.4610



125.3600, -115.9940, -23.4020



148.9600, -18.5770, 44.8390

Rectangle

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



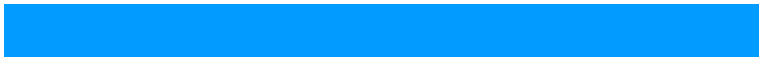
138.9120, 94.8570, 26.5130



136.3100, 70.8430, -33.9010



125.3600, -115.9940, -23.4020



120.6420, -124.7550, -2.2830

Sweetspot

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



138.9120, 94.8570, 26.5130



222.1840, 29.0210, 8.1970



146.0330, 51.3820, 82.0540



108.0300, 17.6510, 5.0030



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.



138.9120, 94.8570, 26.5130



122.2200, 117.5970, 32.9010



187.6330, 72.0320, -16.8960



114.1750, 6.8770, 2.0210



66.7670, 105.6310, 29.4950



21.1630, 33.5140, 9.3700

Inverse Universe

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



186.0880, -94.8570, -26.5130



180.7800, -117.5970, -32.9010



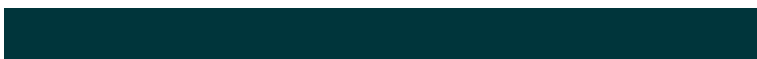
137.3670, -72.0320, 16.8960



117.8250, -6.8770, -2.0210



119.2330, -105.6310, -29.4950



37.8370, -33.5140, -9.3700

Previews

White Background



This preview shows how the YIQ color 138.9120, 94.8570, 26.5130 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9120, 94.8570, 26.5130 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 138.9120, 94.8570, 26.5130

Background



This preview shows how black text looks on a background with the YIQ color 138.9120, 94.8570, 26.5130.



This preview shows how white text looks on a background with the YIQ color 138.9120, 94.8570,

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

138.9120, 94.8570, 26.5130

Protanopia

144.0020, 22.8810, -12.6950

Deuteranopia

143.5070, 46.2640, -12.4560



Tritanopia

139.7300, 89.8580, 34.5140

Trichromacy



Original Color

138.9120, 94.8570, 26.5130

Protanomaly

142.2060, 49.1500, 1.3260

Deuteranomaly

141.6330, 64.0050, 1.9330

Tritanomaly

139.5190, 91.8300, 31.8140

Monochromacy



Original Color

138.9120, 94.8570, 26.5130

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.7610, 34.7060, 9.7940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.9120, 94.8570, 26.5130 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(246, 96, 79)` looks like.

```
.text, #text, p{  
    color:rgb(246, 96, 79)  
}
```

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(246, 96, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 96, 79) }
```

Border

The CSS property to change the border of an element to YIQ 138.9120, 94.8570, 26.5130 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(246, 96, 79) }
```


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

```
.border{ border-color:rgb(246, 96, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 96, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 96, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 96, 79);  
box-shadow:4px 4px 4px 4px rgb(246, 96,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 138.9120, 94.8570, 26.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 96, 79) }
```

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

```
.background{ background-color: rgb(246, 96,  
79) }
```

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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