

Converting Colors

YIQ(143.7000, 89.4020, 20.7460)

Have a look what the booklet for
YIQ(143.7000, 89.4020, 20.7460)
contains.

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Color

**YIQ(143.7000, 89.4020,
20.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	F26A50
RGB	242, 106, 80
RGB Percent	95%, 42%, 31%
CMY	0.0507, 0.5845, 0.6859
CMYK	0.00, 0.56, 0.67, 0.05
HSL	10°, 86%, 63%
HSV	10°, 67%, 95%
XYZ	43.2445, 29.7680, 11.0745
YIQ	143.7000, 89.4020, 20.7460

Conversions

Conversions Part 2

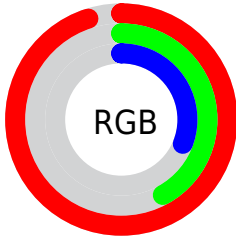
Format	Color
R_{YB}	242, 111, 80
Decimal	15886928
CIE _{Lab}	61.45, 50.71, 40.18
CIE _{LCh}	61, 64.702, 38.392
Yxy	29.7680, 0.5143, 0.3540
Android (android.graphics.Color)	4294077008 (0xFFFF26A50)
YUV	143.7000, -31.4041, 86.2091
Hunter-Lab	54.5601, 45.9997, 26.1574

Details

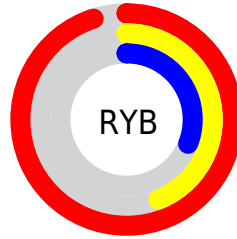
The YIQ color **143.7000, 89.4020, 20.7460** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **178.3000, -89.4020, -20.7460**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5720, 65.9750, 10.2870**, and **87.3340, 81.7450, 21.8490** is the 20% darker color. If you saturate the color by 10%, you get **129.2240, 102.6060, 23.7420**, and if you desaturate by 10%, it is **158.1760, 76.1980, 17.7500**.

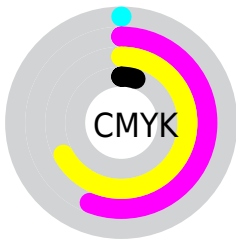
Distribution



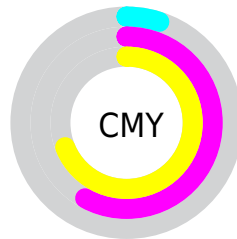
- Red (95%)
- Green (42%)
- Blue (31%)



- Red (95%)
- Yellow (44%)
- Blue (31%)



- Cyan (0%)
- Magenta (56%)
- Yellow (67%)
- Black (5%)



- Cyan (5%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 143.7000, 89.4020, 20.7460 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 143.7000, 89.4020, 20.7460 by changing the saturation by 10% instead.


 143.7000, 89.4020,
20.7460


 143.7000, 89.4020,
20.7460


255.0000, -0.0000,
-0.0000


 115.8460, 86.0550,
20.8310


 185.5720, 65.9750,
10.2870


 87.6330, 82.3410,
22.0610


 204.9720, 49.9290,
3.7290


 56.9580, 80.0480,
25.0720

 225.1870, 32.9660,
-2.7300

 35.5810, 70.9240,
25.2280

 245.2880, 16.3240,
-9.5000

 26.3120, 52.4480,
18.6560

 253.2900, 4.8150,
-4.6650

 18.4670, 35.7140,
13.5540

 8.1870, 15.7710,

6.0350

■ 0.0000, 0.0000,
0.0000

■ 143.7000, 89.4020,
20.7460

■ 143.7000, 89.4020,
20.7460

■ 129.2240,
102.6060, 23.7420

■ 158.1760, 76.1980,
17.7500

■ 114.1610,
116.0850, 27.2610

■ 173.3530, 62.3980,
14.5420

■ 99.5710, 129.6100,
29.9460

■ 187.8290, 49.1940,
11.5460

■ 95.2510, 133.5070,
30.9070

■ 202.3050, 35.9900,
8.5500

■ 217.3680, 22.5110,
5.0310

231.8440, 9.3070,
2.0350

246.4340, -4.2180,
-0.6500

251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



143.8560, 81.2360, 47.6040



143.7000, 89.4020, 20.7460



142.8620, 78.8170, -13.2070

Triad

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



143.7000, 89.4020, 20.7460



112.8200, -80.6840, -57.6120



127.2860, -102.8410, 8.0630

Complementary

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



143.7000, 89.4020, 20.7460



178.3000, -89.4020, -20.7460

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.



126.5120, -127.5050, -7.5130



143.7000, 89.4020, 20.7460



121.3070, -100.4480, -40.8320

Square

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



143.7000, 89.4020, 20.7460



132.4550, -1.8250, -49.5450



126.9900, -117.8280, -23.2040



152.3370, -9.4530, 44.6830

Rectangle

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



143.7000, 89.4020, 20.7460



139.4340, 64.5620, -35.7100



126.9900, -117.8280, -23.2040



120.6420, -124.7550, -2.2830

Sweetspot

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



143.7000, 89.4020, 20.7460



223.9450, 28.1960, 6.6280



144.1700, 52.2540, 77.2620



109.2040, 17.1010, 3.9570



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.



143.7000, 89.4020, 20.7460



131.3670, 112.5090, 25.9890



190.0730, 67.6770, -20.5710



112.7620, 6.6020, 1.4980



72.0390, 101.6890, 23.8410



22.0270, 30.9010, 7.1650

Inverse Universe

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



178.3000, -89.4020, -20.7460



174.6330, -112.5090, -25.9890



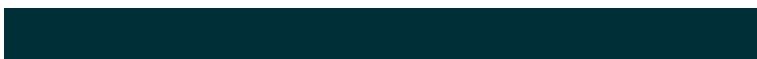
131.9270, -67.6770, 20.5710



115.2380, -6.6020, -1.4980



111.3740, -101.4140, -23.3180



33.9730, -30.9010, -7.1650

Previews

White Background



This preview shows how the YIQ color 143.7000, 89.4020, 20.7460 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 143.7000, 89.4020, 20.7460 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 143.7000, 89.4020, 20.7460

Background



This preview shows how black text looks on a background with the YIQ color 143.7000, 89.4020, 20.7460.



This preview shows how white text looks on a background with the YIQ color 143.7000, 89.4020,

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

143.7000, 89.4020, 20.7460

Protanopia

146.8450, 24.7610, -13.7270

Deuteranopia

146.3930, 46.5850, -12.7670



Tritanopia

145.2560, 82.3850, 32.2810

Trichromacy



Original Color

143.7000, 89.4020, 20.7460

Protanomaly

145.4400, 48.3710, -1.0770

Deuteranomaly

145.3830, 61.7130, -0.5830

Tritanomaly

144.2900, 85.0450, 28.1250

Monochromacy



Original Color

143.7000, 89.4020, 20.7460

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

143.9240, 32.6890, 7.8010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.7000, 89.4020, 20.7460 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(242, 106, 80)` looks like.

```
.text, #text, p{  
    color:rgb(242, 106, 80)  
}
```

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(242, 106, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 106, 80) }
```

Border

The CSS property to change the border of an element to YIQ 143.7000, 89.4020, 20.7460 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(242, 106, 80) }
```


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

```
.border{ border-color:rgb(242, 106, 80) }
```

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

Here you see how a box with a 4 pixel rgb(242, 106, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 106, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 106, 80);  
box-shadow:4px 4px 4px 4px rgb(242, 106,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 143.7000, 89.4020, 20.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 106, 80) }
```

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

```
.background{ background-color: rgb(242,  
106, 80) }
```

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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