

Converting Colors

YIQ(151.2870, 89.1270, 20.2230)

Have a look what the booklet for
YIQ(151.2870, 89.1270, 20.2230)
contains.

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Color

**YIQ(151.2870, 89.1270,
20.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	F97257
RGB	249, 114, 87
RGB Percent	98%, 45%, 34%
CMY	0.0232, 0.5531, 0.6584
CMYK	0.00, 0.54, 0.65, 0.02
HSL	10°, 93%, 66%
HSV	10°, 65%, 98%
XYZ	46.8297, 32.8655, 12.9128
YIQ	151.2870, 89.1270, 20.2230

Conversions

Conversions Part 2

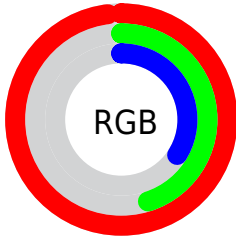
Format	Color
R_{YB}	249, 119, 87
Decimal	16347735
CIE _{Lab}	64.05, 49.86, 39.76
CIE _{LCh}	64, 63.770, 38.570
Yxy	32.8655, 0.5057, 0.3549
Android (android.graphics.Color)	4294537815 (0xFFFF97257)
YUV	151.2870, -31.6935, 85.6943
Hunter-Lab	57.3284, 45.4860, 26.7753

Details

The YIQ color **151.2870, 89.1270, 20.2230** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **184.7130, -89.1270, -20.2230**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.1800, 61.2070, 8.5910**, and **95.3940, 81.5160, 20.4920** is the 20% darker color. If you saturate the color by 10%, you get **136.1100, 102.9270, 23.4310**, and if you desaturate by 10%, it is **166.4640, 75.3270, 17.0150**.

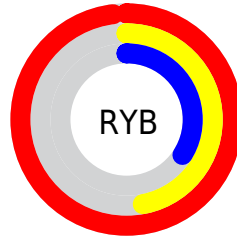
Distribution



Red (98%)

Green (45%)

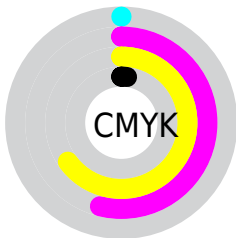
Blue (34%)



Red (98%)

Yellow (47%)

Blue (34%)

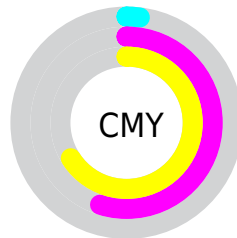


Cyan (0%)

Magenta (54%)

Yellow (65%)

Black (2%)



Cyan (2%)


Magenta (55%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.2870, 89.1270, 20.2230 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 151.2870, 89.1270, 20.2230 by changing the saturation by 10% instead.


 151.2870, 89.1270,
20.2230


 151.2870, 89.1270,
20.2230


255.0000, -0.0000,
-0.0000


 123.4330, 85.7800,
20.3080


 191.1800, 61.2070,
8.5910


 95.6930, 82.1120,
20.7040


 210.5800, 45.1610,
2.0330


 66.3060, 78.9480,
22.9800


 230.6810, 28.5190,
-4.7370

 37.6740, 75.0960,
26.7120

 250.8960, 11.5560,
-11.1960

 28.4050, 56.6200,
20.1400

 254.2020, 2.2470,
-2.1770

 20.1470, 39.6110,
14.5150

 11.4760, 22.3270,

8.3670

■ 0.0000, 0.0000,
0.0000

■ 151.2870, 89.1270,
20.2230

■ 151.2870, 89.1270,
20.2230

■ 136.1100,
102.9270, 23.4310

■ 166.4640, 75.3270,
17.0150

■ 120.9330,
116.7270, 26.6390

■ 181.6410, 61.5270,
13.8070

■ 106.3430,
130.2520, 29.3240

■ 196.2310, 48.0020,
11.1220

■ 98.5180, 137.1290,
31.3450

■ 211.4080, 34.2020,
7.9140

■ 226.5850, 20.4020,
4.7060

■ 241.7620, 6.6020,
1.4980

■ 253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



151.0190, 79.2190, 45.6110



151.2870, 89.1270, 20.2230



150.2040, 77.8540, -12.2740

Triad

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



151.2870, 89.1270, 20.2230



117.7270, -84.8560, -59.0960



137.6850, -90.7830, 9.8010

Complementary

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



151.2870, 89.1270, 20.2230



184.7130, -89.1270, -20.2230

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.



130.0340, -129.1550, -10.6510



151.2870, 89.1270, 20.2230



126.2140, -104.6200, -42.3160

Square

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



151.2870, 89.1270, 20.2230



139.9820, -1.8710, -48.7110



131.3100, -121.7250, -24.1650



159.5220, -8.5360, 44.5840

Rectangle

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



151.2870, 89.1270, 20.2230



147.6880, 61.0310, -32.2890



131.3100, -121.7250, -24.1650



124.7510, -126.6800, -5.9440

Sweetspot

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



151.2870, 89.1270, 20.2230



223.9450, 28.1960, 6.6280



151.1700, 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.



151.2870, 89.1270, 20.2230



134.8720, 109.5290, 24.9290



197.0730, 67.6770, -20.5710



117.6480, 6.9230, 1.1870



74.7080, 104.1190, 23.8550



24.1090, 33.6060, 7.7020

Inverse Universe

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



184.7130, -89.1270, -20.2230



176.1280, -109.5290, -24.9290



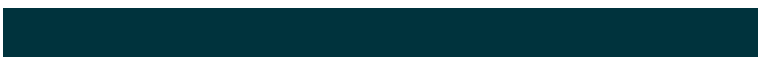
138.9270, -67.6770, 20.5710



119.9390, -7.1980, -1.7100



113.7050, -103.8440, -23.3320



36.8910, -33.6060, -7.7020

Previews

White Background



This preview shows how the YIQ color 151.2870, 89.1270, 20.2230 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 151.2870, 89.1270, 20.2230 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 151.2870, 89.1270, 20.2230

Background



This preview shows how black text looks on a background with the YIQ color 151.2870, 89.1270, 20.2230.



This preview shows how white text looks on a background with the YIQ color 151.2870, 89.1270,

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

151.2870, 89.1270, 20.2230

Protanopia

153.8450, 24.7610, -13.7270

Deuteranopia

153.1050, 47.4560, -12.0320



Tritanopia

152.9570, 81.7890, 32.0690

Trichromacy



Original Color

151.2870, 89.1270, 20.2230

Protanomaly

153.0270, 48.0960, -1.6000

Deuteranomaly

152.6820, 62.3090, -0.3710

Tritanomaly

151.9910, 84.4490, 27.9130

Monochromacy



Original Color

151.2870, 89.1270, 20.2230

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.5110, 32.4140, 7.2780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.2870, 89.1270, 20.2230 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(249, 114, 87)` looks like.

```
.text, #text, p{  
    color:rgb(249, 114, 87)  
}
```

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(249, 114, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 114, 87) }
```

Border

The CSS property to change the border of an element to YIQ 151.2870, 89.1270, 20.2230 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(249, 114, 87) }
```


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

```
.border{ border-color:rgb(249, 114, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 114, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 114, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 114, 87);  
box-shadow:4px 4px 4px 4px rgb(249, 114,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 151.2870, 89.1270, 20.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 114, 87) }
```

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

```
.background{ background-color: rgb(249,  
114, 87) }
```

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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