

Converting Colors

YIQ(157.6180, 86.6970, 20.2090)

Have a look what the booklet for
YIQ(157.6180, 86.6970, 20.2090)
contains.

YIQ(157.6180, 86.6970, 20.2090)	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(157.6180, 86.6970,
20.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	FD7960
RGB	253, 121, 96
RGB Percent	99%, 47%, 38%
CMY	0.0075, 0.5257, 0.6232
CMYK	0.00, 0.52, 0.62, 0.01
HSL	9°, 98%, 68%
HSV	10°, 62%, 99%
XYZ	49.4819, 35.4044, 15.3145
YIQ	157.6180, 86.6970, 20.2090

Conversions

Conversions Part 2

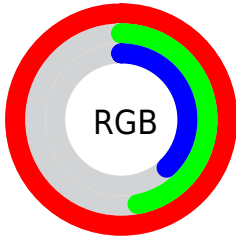
Format	Color
R _Y B	253, 126, 96
Decimal	16611680
CIE Lab	66.06, 48.51, 37.48
CIE LCh	66, 61.301, 37.687
Yxy	35.4044, 0.4938, 0.3533
Android (android.graphics.Color)	4294801760 (0xFFFD7960)
YUV	157.6180, -30.3777, 83.6500
Hunter-Lab	59.5016, 44.3140, 26.3911

Details

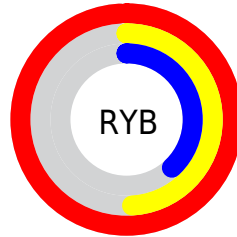
The YIQ color **157.6180, 86.6970, 20.2090** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **191.3820, -86.6970, -20.2090**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3150, 56.3930, 7.7290**, and **102.0240, 79.6820, 20.6900** is the 20% darker color. If you saturate the color by 10%, you get **142.4410, 100.4970, 23.4170**, and if you desaturate by 10%, it is **172.7950, 72.8970, 17.0010**.

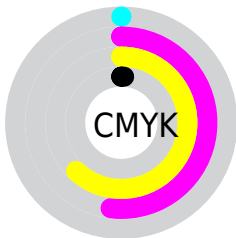
Distribution



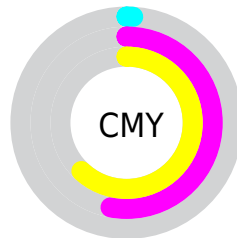
- Red (99%)
- Green (47%)
- Blue (38%)



- Red (99%)
- Yellow (49%)
- Blue (38%)



- Cyan (0%)
- Magenta (52%)
- Yellow (62%)
- Black (1%)





- Cyan (1%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.6180, 86.6970, 20.2090 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 157.6180, 86.6970, 20.2090 by changing the saturation by 10% instead.

 157.6180, 86.6970,
20.2090


 157.6180, 86.6970,
20.2090


255.0000, -0.0000,
-0.0000


 129.7640, 83.3500,
20.2940


 196.3150, 56.3930,
7.7290


 102.0240, 79.6820,
20.6900


 215.8290, 40.0260,
1.4820


 73.8110, 75.9680,
21.9200

 235.9300, 23.3840,
-5.2880

 39.7990, 76.2420,
27.9700

 252.1500, 8.0250,
-7.7750

 29.9000, 59.6000,
21.2000

 21.2290, 42.3160,
15.0520

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 157.6180, 86.6970,
20.2090

■ 157.6180, 86.6970,
20.2090

■ 142.4410,
100.4970, 23.4170

■ 172.7950, 72.8970,
17.0010

■ 126.5630,
114.8930, 26.8370

■ 188.6730, 58.5010,
13.5810

■ 111.3860,
128.6930, 30.0450

■ 203.8500, 44.7010,
10.3730

■ 99.1270, 139.7880,
32.7160

■ 219.0270, 30.9010,
7.1650

■ 234.3180, 16.7800,
4.2680

250.0820, 2.7050,
0.5370

254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



157.2140, 74.1760, 43.3920



157.6180, 86.6970, 20.2090



156.8880, 75.9280, -10.4080

Triad

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



157.6180, 86.6970, 20.2090



121.3460, -88.1570, -59.8450



145.3930, -84.0890, 9.6310

Complementary

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



157.6180, 86.6970, 20.2090



191.3820, -86.6970, -20.2090

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



157.6180, 86.6970, 20.2090



129.6050, -107.2790, -43.6870

Square

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



157.6180, 86.6970, 20.2090



146.2320, 0.4210, -46.1950



134.4730, -123.7420, -26.1580



164.8700, -9.6360, 42.4920

Rectangle

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



157.6180, 86.6970, 20.2090



153.8390, 59.2880, -28.2320



134.4730, -123.7420, -26.1580



127.6860, -128.0550, -8.5590

Sweetspot

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



157.6180, 86.6970, 20.2090



225.4610, 26.6830, 6.5150



158.2190, 50.5580, 74.9580



109.9050, 16.5050, 3.7450



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.



157.6180, 86.6970, 20.2090



140.1210, 104.3940, 24.3780



202.8170, 65.5220, -20.0620



120.0610, 7.1980, 1.7100



74.7190, 105.5860, 24.8020



25.0060, 35.3940, 8.3380

Inverse Universe

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



191.3820, -86.6970, -20.2090



180.8790, -104.3940, -24.3780



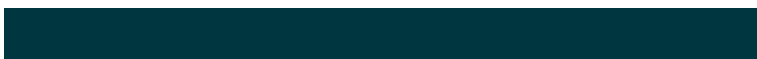
146.1830, -65.5220, 20.0620



122.3520, -6.9230, -1.1870



116.2810, -105.5860, -24.8020



38.9940, -35.3940, -8.3380

Previews

White Background



This preview shows how the YIQ color 157.6180, 86.6970, 20.2090 looks on a white background.

Color Contrast Check

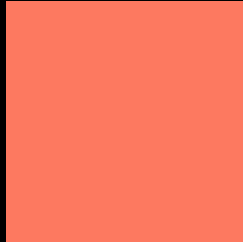
Large Text (above 18pt) WCAG AA × Fail

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 157.6180, 86.6970, 20.2090 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 157.6180, 86.6970, 20.2090

Background



This preview shows how black text looks on a background with the YIQ color 157.6180, 86.6970, 20.2090.



This preview shows how white text looks on a background with the YIQ color 157.6180, 86.6970,

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

157.6180, 86.6970, 20.2090

Protanopia

159.3010, 23.4770, -12.4830

Deuteranopia

158.6750, 45.8510, -10.4770



Tritanopia

159.1740, 79.6800, 31.7440

Trichromacy



Original Color

157.6180, 86.6970, 20.2090

Protanomaly

158.4830, 46.8120, -0.3560

Deuteranomaly

158.1380, 61.0250, 0.8730

Tritanomaly

158.2080, 82.3400, 27.5880

Monochromacy



Original Color

157.6180, 86.6970, 20.2090

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.2120, 31.8180, 7.0660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.6180, 86.6970, 20.2090 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(253, 121, 96)` looks like.

```
.text, #text, p{  
    color:rgb(253, 121, 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(253, 121, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 121, 96) }
```

Border

The CSS property to change the border of an element to YIQ 157.6180, 86.6970, 20.2090 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(253, 121, 96) }
```


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

```
.border{ border-color:rgb(253, 121, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 121, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 121, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 121, 96);  
box-shadow:4px 4px 4px 4px rgb(253, 121,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 157.6180, 86.6970, 20.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 121, 96) }
```

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

```
.background{ background-color: rgb(253,  
121, 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](#).

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