

Converting Colors

YIQ(149.4690, 76.9310, 20.9870)

Have a look what the booklet for
YIQ(149.4690, 76.9310, 20.9870)
contains.

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Color

**YIQ(149.4690, 76.9310,
20.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	EC7364
RGB	236, 115, 100
RGB Percent	93%, 45%, 39%
CMY	0.0742, 0.5492, 0.6075
CMYK	0.00, 0.51, 0.58, 0.07
HSL	7°, 78%, 66%
HSV	7°, 58%, 93%
XYZ	43.0448, 31.0166, 15.7952
YIQ	149.4690, 76.9310, 20.9870

Conversions

Conversions Part 2

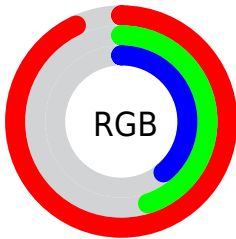
Format	Color
R _Y B	236, 117, 100
Decimal	15496036
CIE Lab	62.52, 45.51, 30.29
CIE LCh	63, 54.675, 33.648
Yxy	31.0166, 0.4790, 0.3452
Android (android.graphics.Color)	4293686116 (0xFFEC7364)
YUV	149.4690, -24.3882, 75.8877
Hunter-Lab	55.6925, 40.5008, 22.1693

Details

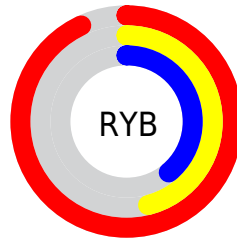
The YIQ color **149.4690, 76.9310, 20.9870** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **186.5310, -76.9310, -20.9870**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.6620, 57.0340, 12.6340**, and **94.7610, 70.2370, 21.1570** is the 20% darker color. If you saturate the color by 10%, you get **134.4060, 90.4100, 24.5060**, and if you desaturate by 10%, it is **164.5320, 63.4520, 17.4680**.

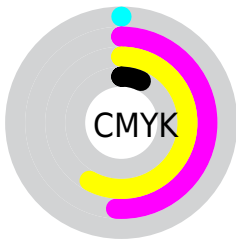
Distribution



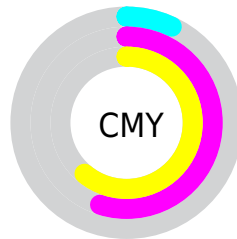
- Red (93%)
- Green (45%)
- Blue (39%)



- Red (93%)
- Yellow (46%)
- Blue (39%)



- Cyan (0%)
- Magenta (51%)
- Yellow (58%)
- Black (7%)




- Cyan (7%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.4690, 76.9310, 20.9870 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 149.4690, 76.9310, 20.9870 by changing the saturation by 10% instead.


 149.4690, 76.9310,
20.9870


 149.4690, 76.9310,
20.9870


255.0000, -0.0000,
-0.0000


 121.6150, 73.5840,
21.0720


 192.6620, 57.0340,
12.6340


 94.7610, 70.2370,
21.1570


 212.1760, 40.6670,
6.3870


 67.4340, 66.8440,
22.0760

 232.3910, 23.7040,
-0.0720

 35.7100, 66.2470,
27.3910

 252.6060, 6.7410,
-6.5310

 26.0130, 51.8520,
18.4440

 17.7550, 34.8430,
12.8190

 7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,
0.0000

■ 149.4690, 76.9310,
20.9870

■ 149.4690, 76.9310,
20.9870

■ 134.4060, 90.4100,
24.5060

■ 164.5320, 63.4520,
17.4680

■ 119.4570,
103.5680, 28.3360

■ 179.4810, 50.2940,
13.6380

■ 104.3940,
117.0470, 31.8550

■ 194.5440, 36.8150,
10.1190

■ 89.4450, 130.2050,
35.6850

■ 209.6070, 23.3360,
6.6000

■ 85.8260, 133.5060,
36.4340

■ 224.5560, 10.1780,
2.7700

■ 239.6190, -3.3010,
-0.7490

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



151.0280, 65.8320, 40.4240



149.4690, 76.9310, 20.9870



148.6410, 69.5540, -5.0220

Triad

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



149.4690, 76.9310, 20.9870



126.8020, -53.9100, -47.2380



136.8980, -87.0690, 8.5710

Complementary

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



149.4690, 76.9310, 20.9870



186.5310, -76.9310, -20.9870

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.



125.1610, -122.3230, -13.3230



149.4690, 76.9310, 20.9870



120.5090, -98.2010, -43.0090

Square

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



149.4690, 76.9310, 20.9870



140.1560, 6.7470, -39.6930



125.3940, -113.3340, -27.5580



154.4190, -15.9160, 35.1560

Rectangle

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



149.4690, 76.9310, 20.9870



146.6140, 55.8480, -20.9520



125.3940, -113.3340, -27.5580



122.1920, -123.6080, -6.5520

Sweetspot

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



149.4690, 76.9310, 20.9870



227.2050, 24.5280, 7.0240



154.5720, 41.8940, 66.7740



111.5350, 14.6710, 3.9430



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.



149.4690, 76.9310, 20.9870



142.7770, 99.6710, 27.3750



188.7980, 58.5060, -14.0540



109.8760, 6.2810, 1.8090



65.8590, 102.3760, 27.9120



19.6680, 30.5340, 8.3100

Inverse Universe

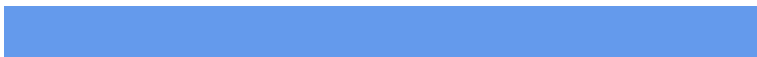
The Inverse Universe completely reimagines the original color for something new.



186.5310, -76.9310, -20.9870



191.2230, -99.6710, -27.3750



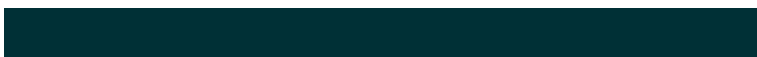
147.2020, -58.5060, 14.0540



113.1240, -6.2810, -1.8090



115.1410, -102.3760, -27.9120



34.3320, -30.5340, -8.3100

Previews

White Background



This preview shows how the YIQ color 149.4690, 76.9310, 20.9870 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 149.4690, 76.9310, 20.9870 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 149.4690, 76.9310, 20.9870

Background



This preview shows how black text looks on a background with the YIQ color 149.4690, 76.9310, 20.9870.



This preview shows how white text looks on a background with the YIQ color 149.4690, 76.9310,

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

149.4690, 76.9310, 20.9870

Protanopia

150.1850, 18.1120, -8.8640

Deuteranopia

150.6620, 38.6980, -7.4940



Tritanopia

150.2870, 71.9320, 28.9880

Trichromacy



Original Color

149.4690, 76.9310, 20.9870

Protanomaly

150.0570, 39.3840, 2.1040

Deuteranomaly

150.1140, 52.4050, 2.9090

Tritanomaly

150.0760, 73.9040, 26.2880

Monochromacy



Original Color

149.4690, 76.9310, 20.9870

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.4720, 28.1500, 7.4620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4690, 76.9310, 20.9870 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(236, 115, 100)` looks like.

```
.text, #text, p{  
    color:rgb(236, 115, 100)  
}
```

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(236, 115, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 115, 100) }
```

Border

The CSS property to change the border of an element to YIQ 149.4690, 76.9310, 20.9870 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(236, 115, 100) }
```


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

```
.border{ border-color:rgb(236, 115, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 115, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 115, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 115, 100);  
box-shadow:4px 4px 4px 4px rgb(236, 115,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4690, 76.9310, 20.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 115, 100) }
```

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

```
.background{ background-color: rgb(236,  
115, 100) }
```

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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