

Converting Colors

YIQ(145.9670, 75.8290, 29.9490)

Have a look what the booklet for
YIQ(145.9670, 75.8290, 29.9490)
contains.

YIQ(145.9670, 75.8290, 29.9490)	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(145.9670, 75.8290,
29.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	ED6A71
RGB	237, 106, 113
RGB Percent	93%, 42%, 44%
CMY	0.0703, 0.5845, 0.5566
CMYK	0.00, 0.55, 0.52, 0.07
HSL	357°, 79%, 67%
HSV	357°, 55%, 93%
XYZ	43.0852, 29.5091, 19.0700
YIQ	145.9670, 75.8290, 29.9490

Conversions

Conversions Part 2

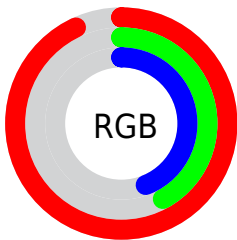
Format	Color
R _Y B	237, 106, 113
Decimal	15559281
CIE Lab	61.23, 51.21, 21.25
CIE LCh	61, 55.445, 22.539
Yxy	29.5091, 0.4700, 0.3219
Android (android.graphics.Color)	4293749361 (0xFFED6A71)
YUV	145.9670, -16.2527, 79.8359
Hunter-Lab	54.3223, 46.5117, 17.2116

Details

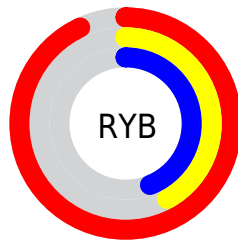
The YIQ color **145.9670, 75.8290, 29.9490** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **197.0330, -75.8290, -29.9490**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.5620, 54.7400, 21.1720**, and **89.9710, 70.0060, 30.8540** is the 20% darker color. If you saturate the color by 10%, you get **129.3710, 89.4910, 35.6590**, and if you desaturate by 10%, it is **162.5630, 62.1670, 24.2390**.

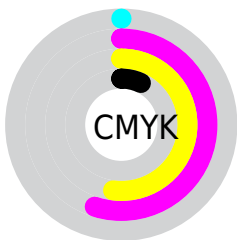
Distribution



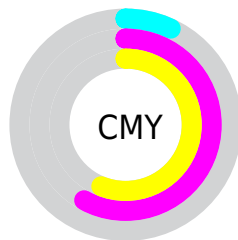
- Red (93%)
- Green (42%)
- Blue (44%)



- Red (93%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (55%)
- Yellow (52%)
- Black (7%)





- Cyan (7%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.9670, 75.8290, 29.9490 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 145.9670, 75.8290, 29.9490 by changing the saturation by 10% instead.


 145.9670, 75.8290,
29.9490


 145.9670, 75.8290,
29.9490


255.0000, -0.0000,
-0.0000


 118.1130, 72.4820,
30.0340


 189.5620, 54.7400,
21.1720


 89.9710, 70.0060,
30.8540


 209.0760, 38.3730,
14.9250


 59.1220, 68.2630,
34.9110

 229.2910, 21.4100,
8.4660

 37.6050, 62.3490,
31.9570

 249.5060, 4.4470,
2.0070

 26.3120, 52.4480,
18.6560

 18.4670, 35.7140,
13.5540

 7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,
0.0000

■ 145.9670, 75.8290,
29.9490

■ 145.9670, 75.8290,
29.9490

■ 129.3710, 89.4910,
35.6590

■ 162.5630, 62.1670,
24.2390

■ 113.2480,
103.1990, 40.5350

■ 178.6860, 48.4590,
19.3630

■ 96.6520, 116.8610,
46.2450

■ 195.2820, 34.7970,
13.6530

■ 79.9420, 130.8440,
51.6440

■ 211.9920, 20.8140,
8.2540

■ 72.3450, 137.0790,
54.2870

■ 228.0010, 7.4270,
3.0670

■ 244.7110, -6.5560,
-2.3320

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



148.5850, 57.0740, 44.9620



145.9670, 75.8290, 29.9490



145.4880, 74.7790, 4.9150

Triad

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



145.9670, 75.8290, 29.9490



130.1550, -27.0430, -44.0590



120.0890, -121.8200, -5.9160

Complementary

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



145.9670, 75.8290, 29.9490



197.0330, -75.8290, -29.9490

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.



123.6790, -118.1500, -17.3660



145.9670, 75.8290, 29.9490



115.5390, -89.7180, -48.0700

Square

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



145.9670, 75.8290, 29.9490



138.5340, 23.2980, -36.7820



121.3530, -106.0890, -32.2090



147.6980, -38.9310, 28.2450

Rectangle

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



145.9670, 75.8290, 29.9490



144.1470, 64.8330, -13.0790



121.3530, -106.0890, -32.2090



121.9810, -121.6360, -9.2520

Sweetspot

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



145.9670, 75.8290, 29.9490



225.0850, 24.9860, 9.7380



157.4120, 30.6610, 66.6050



109.8880, 15.1750, 5.8230



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.



145.9670, 75.8290, 29.9490



138.2580, 97.2390, 38.4150



178.6280, 62.4010, -2.0390



109.2890, 6.5560, 2.3320



55.2590, 104.6660, 41.4820



16.4880, 31.2210, 12.3810

Inverse Universe

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



145.9670, 75.8290, 29.9490



138.2580, 97.2390, 38.4150



164.3720, -62.4010, 2.0390



109.2890, 6.5560, 2.3320



55.2590, 104.6660, 41.4820



16.4880, 31.2210, 12.3810

Previews

White Background



This preview shows how the YIQ color 145.9670, 75.8290, 29.9490 looks on a white background.

Color Contrast Check

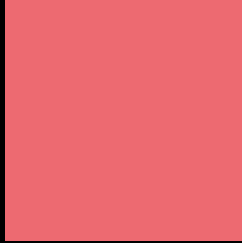
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.9670, 75.8290, 29.9490 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 145.9670, 75.8290, 29.9490

Background



This preview shows how black text looks on a background with the YIQ color 145.9670, 75.8290, 29.9490.



This preview shows how white text looks on a background with the YIQ color 145.9670, 75.8290,

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

145.9670, 75.8290, 29.9490

Protanopia

148.0840, 8.3910, -3.3930

Deuteranopia

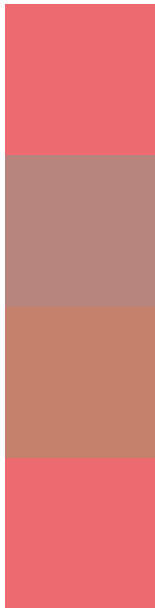
148.1760, 31.4990, -3.6770



Tritanopia

145.9670, 75.8290, 29.9490

Trichromacy



Original Color

145.9670, 75.8290, 29.9490

Protanomaly

147.4510, 32.6430, 8.6350

Deuteranomaly

147.3510, 47.5440, 8.4080

Tritanomaly

145.9670, 75.8290, 29.9490

Monochromacy



Original Color

145.9670, 75.8290, 29.9490

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.6940, 27.6450, 11.1090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.9670, 75.8290, 29.9490 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(237, 106, 113)` looks like.

```
.text, #text, p{  
    color:rgb(237, 106, 113)  
}
```

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(237, 106, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 106, 113) }
```

Border

The CSS property to change the border of an element to YIQ 145.9670, 75.8290, 29.9490 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(237, 106, 113) }
```


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

```
.border{ border-color:rgb(237, 106, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 106, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 106, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 106, 113);  
box-shadow:4px 4px 4px 4px rgb(237, 106,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 145.9670, 75.8290, 29.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 106, 113) }
```

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

```
.background{ background-color: rgb(237,  
106, 113) }
```

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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