

Converting Colors

YIQ(145.0190, 70.0510, 35.5470)

Have a look what the booklet for
YIQ(145.0190, 70.0510, 35.5470)
contains.

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Color

**YIQ(145.0190, 70.0510,
35.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	EA6780
RGB	234, 103, 128
RGB Percent	92%, 40%, 50%
CMY	0.0820, 0.5963, 0.4978
CMYK	0.00, 0.56, 0.45, 0.08
HSL	349°, 76%, 66%
HSV	349°, 56%, 92%
XYZ	42.7045, 28.7564, 23.7446
YIQ	145.0190, 70.0510, 35.5470

Conversions

Conversions Part 2

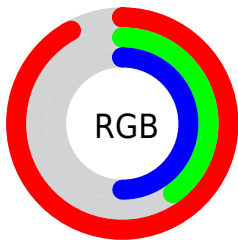
Format	Color
R_{YB}	234, 103, 128
Decimal	15361920
CIE Lab	60.57, 52.93, 11.63
CIE LCh	61, 54.192, 12.390
Yxy	28.7564, 0.4486, 0.3020
Android (android.graphics.Color)	4293552000 (0xFFEA6780)
YUV	145.0190, -8.3904, 78.0363
Hunter-Lab	53.6250, 48.3057, 11.2844

Details

The YIQ color **145.0190, 70.0510, 35.5470** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **191.9810, -70.0510, -35.5470**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **189.6250, 50.4290, 27.7170**, and **88.6210, 65.4200, 36.8760** is the 20% darker color. If you saturate the color by 10%, you get **129.3520, 82.4750, 41.6670**, and if you desaturate by 10%, it is **160.6860, 57.6270, 29.4270**.

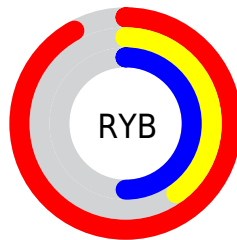
Distribution



Red (92%)

Green (40%)

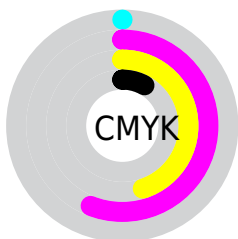
Blue (50%)



Red (92%)

Yellow (40%)

Blue (50%)

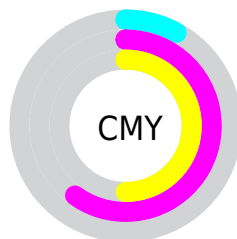


Cyan (0%)

Magenta (56%)

Yellow (45%)

Black (8%)



Cyan (8%)


Magenta (60%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.0190, 70.0510, 35.5470 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 145.0190, 70.0510, 35.5470 by changing the saturation by 10% instead.


 145.0190, 70.0510,
35.5470


 145.0190, 70.0510,
35.5470


255.0000, -0.0000,
-0.0000


 117.3500, 67.6210,
35.5330


 189.6250, 50.4290,
27.7170


 88.6210, 65.4200,
36.8760


 209.1390, 34.0620,
21.4700


 55.4240, 64.7770,
43.0250

 229.3540, 17.0990,
15.0110

 38.3750, 57.3050,
35.2650

 248.5430, 3.0250,
5.7530

 27.6090, 47.3580,
22.7980

 18.4670, 35.7140,
13.5540

 7.5890, 14.5790,

5.6110

■ 0.0000, 0.0000,
0.0000

■ 145.0190, 70.0510,
35.5470

■ 145.0190, 70.0510,
35.5470

■ 129.3520, 82.4750,
41.6670

■ 160.6860, 57.6270,
29.4270

■ 113.0980, 95.1740,
48.3100

■ 176.9400, 44.9280,
22.7840

■ 97.4310, 107.5980,
54.4300

■ 192.6070, 32.5040,
16.6640

■ 81.1770, 120.2970,
61.0730

■ 208.8610, 19.8050,
10.0210

■ 75.0960, 125.0190,
63.6030

■ 224.5280, 7.3810,
3.9010

■ 240.1950, -5.0430,
-2.2190

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



148.3540, 44.6030, 45.2030



145.0190, 70.0510, 35.5470



144.0570, 74.9150, 13.4670

Triad

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



145.0190, 70.0510, 35.5470



132.6150, -7.7870, -40.6110



120.3510, -119.8020, -9.4500

Complementary

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



145.0190, 70.0510, 35.5470



191.9810, -70.0510, -35.5470

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.



121.8550, -113.0140, -22.3420



145.0190, 70.0510, 35.5470



111.7260, -83.1150, -52.0990

Square

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



145.0190, 70.0510, 35.5470



138.9270, 35.4930, -32.0190



118.6000, -99.7150, -37.5950



140.5810, -60.8910, 18.7330

Rectangle

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



145.0190, 70.0510, 35.5470



143.2820, 69.1870, -3.8770



118.6000, -99.7150, -37.5950



121.3140, -118.3800, -13.1960

Sweetspot

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



145.0190, 70.0510, 35.5470



225.7690, 23.0600, 11.6040



149.3290, 20.5290, 63.0010



110.3440, 13.8910, 7.0670



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.



145.0190, 70.0510, 35.5470



138.8910, 91.3230, 46.5150



165.0620, 67.3510, 7.3750



109.5170, 5.9140, 2.9540



58.1090, 96.6410, 49.2570



17.2860, 28.9740, 14.5580

Inverse Universe

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



145.0190, 70.0510, 35.5470



138.8910, 91.3230, 46.5150



171.9380, -67.3510, -7.3750



109.5170, 5.9140, 2.9540



58.1090, 96.6410, 49.2570



17.2860, 28.9740, 14.5580

Previews

White Background



This preview shows how the YIQ color 145.0190, 70.0510, 35.5470 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 145.0190, 70.0510, 35.5470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

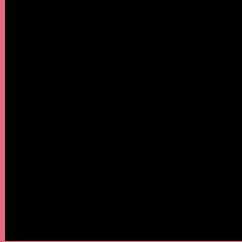
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 145.0190, 70.0510, 35.5470

Background



This preview shows how black text looks on a background with the YIQ color 145.0190, 70.0510, 35.5470.



This preview shows how white text looks on a background with the YIQ color 145.0190, 70.0510,

35.5470.

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

145.0190, 70.0510, 35.5470

Protanopia

147.1680, -0.4130, 1.9790

Deuteranopia

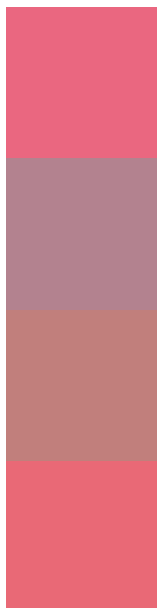
147.2060, 22.7870, 0.0270



Tritanopia

144.7710, 73.4450, 29.1010

Trichromacy



Original Color

145.0190, 70.0510, 35.5470

Protanomaly

146.1330, 25.0310, 14.4310

Deuteranomaly

146.3920, 40.2990, 13.0590

Tritanomaly

144.7540, 72.1150, 31.1790

Monochromacy



Original Color

145.0190, 70.0510, 35.5470

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.0790, 25.1230, 12.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.0190, 70.0510, 35.5470 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(234, 103, 128)` looks like.

```
.text, #text, p{  
    color:rgb(234, 103, 128)  
}
```

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(234, 103, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 103, 128) }
```

Border

The CSS property to change the border of an element to YIQ 145.0190, 70.0510, 35.5470 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(234, 103, 128) }
```


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

```
.border{ border-color:rgb(234, 103, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 103, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 103, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 103, 128);  
box-shadow:4px 4px 4px 4px rgb(234, 103,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 145.0190, 70.0510, 35.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 103, 128) }
```

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

```
.background{ background-color: rgb(234,  
103, 128) }
```

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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