

Converting Colors

YIQ(149.2890, 86.7860, 35.1220)

Have a look what the booklet for
YIQ(149.2890, 86.7860, 35.1220)
contains.

YIQ(149.2890, 86.7860, 35.1220)	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(149.2890, 86.7860,
35.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	FE6771
RGB	254, 103, 113
RGB Percent	100%, 40%, 44%
CMY	0.0036, 0.5963, 0.5565
CMYK	0.00, 0.59, 0.55, 0.00
HSL	356°, 99%, 70%
HSV	356°, 59%, 100%
XYZ	48.7366, 31.9705, 19.2504
YIQ	149.2890, 86.7860, 35.1220

Conversions

Conversions Part 2

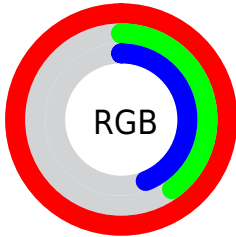
Format	Color
R_{YB}	254, 103, 113
Decimal	16672625
CIE _{Lab}	63.32, 58.31, 24.51
CIE _{LCh}	63, 63.249, 22.795
Yxy	31.9705, 0.4876, 0.3198
Android (android.graphics.Color)	4294862705 (0xFFFE6771)
YUV	149.2890, -17.8905, 91.8315
Hunter-Lab	56.5425, 54.9082, 19.3939

Details

The YIQ color **149.2890, 86.7860, 35.1220** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **207.7110, -86.7860, -35.1220**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **188.3880, 55.2900, 22.2180**, and **90.6460, 81.4670, 37.9070** is the 20% darker color. If you saturate the color by 10%, you get **131.8780, 101.3650, 40.7330**, and if you desaturate by 10%, it is **166.7000, 72.2070, 29.5110**.

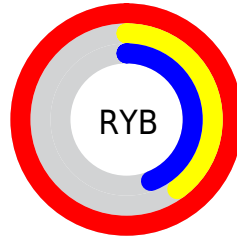
Distribution



Red (100%)

Green (40%)

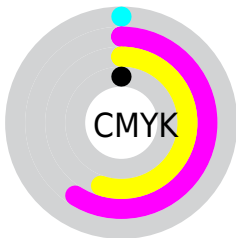
Blue (44%)



Red (100%)

Yellow (40%)

Blue (44%)

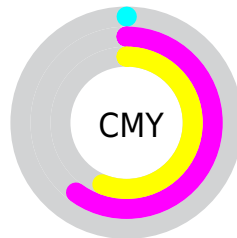


Cyan (0%)

Magenta (59%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.2890, 86.7860, 35.1220 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 149.2890, 86.7860, 35.1220 by changing the saturation by 10% instead.


 149.2890, 86.7860,
35.1220


 149.2890, 86.7860,
35.1220


255.0000, -0.0000,
-0.0000


 120.8480, 83.7140,
35.7300


 188.3880, 55.2900,
22.2180


 90.6460, 81.4670,
37.9070


 208.4890, 38.6480,
15.4480


 53.0410, 82.1530,
47.5050

 228.7040, 21.6850,
8.9890

 41.7910, 70.6930,
34.9250

 248.9190, 4.7220,
2.5300

 30.1990, 60.1960,
21.4120

 21.6420, 42.5910,
15.5750

 12.6720, 24.7110,

9.2150

■ 0.0000, 0.0000,
0.0000

■ 149.2890, 86.7860,
35.1220

■ 149.2890, 86.7860,
35.1220

■ 131.8780,
101.3650, 40.7330

■ 166.7000, 72.2070,
29.5110

■ 113.9940,
115.8980, 47.1780

■ 184.5840, 57.6740,
23.0660

■ 96.5830, 130.4770,
52.7890

■ 201.9950, 43.0950,
17.4550

■ 78.5850, 145.3310,
58.9230

■ 219.9930, 28.2410,
11.3210

■ 77.8840, 145.9270,
59.1350

■ 237.4040, 13.6620,
5.7100

254.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



152.1180, 66.0590, 52.8350



149.2890, 86.7860, 35.1220



149.1640, 84.4990, 4.9710

Triad

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



149.2890, 86.7860, 35.1220



131.1060, -34.5150, -51.8190



125.3380, -126.9550, -6.4670

Complementary

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



149.2890, 86.7860, 35.1220



207.7110, -86.7860, -35.1220

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.



130.3130, -125.8070, -16.2630



149.2890, 86.7860, 35.1220



120.6910, -93.2020, -51.0100

Square

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



149.2890, 86.7860, 35.1220



141.6450, 27.0590, -44.3730



127.8900, -112.0950, -33.4950



151.8700, -45.1670, 31.1290

Rectangle

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



149.2890, 86.7860, 35.1220



148.0030, 73.8660, -17.0940



127.8900, -112.0950, -33.4950



128.2730, -128.3300, -9.0820

Sweetspot

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



149.2890, 86.7860, 35.1220



223.0960, 26.4530, 10.6850



161.4760, 33.7770, 76.2170



107.8990, 16.6420, 6.7700



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.



149.2890, 86.7860, 35.1220



129.4870, 104.0240, 42.1040



185.1300, 72.6710, -0.9370



119.0010, 7.4270, 3.0670



58.5910, 109.6630, 44.5350



19.5920, 36.8600, 14.8120

Inverse Universe

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



149.2890, 86.7860, 35.1220



129.4870, 104.0240, 42.1040



171.8700, -72.6710, 0.9370



119.0010, 7.4270, 3.0670



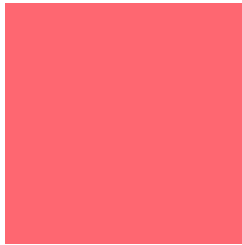
58.5910, 109.6630, 44.5350



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 149.2890, 86.7860, 35.1220 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 149.2890, 86.7860, 35.1220 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 149.2890, 86.7860, 35.1220

Background



This preview shows how black text looks on a background with the YIQ color 149.2890, 86.7860, 35.1220.



This preview shows how white text looks on a background with the YIQ color 149.2890, 86.7860,

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

149.2890, 86.7860, 35.1220

Protanopia

153.1550, 9.6290, -3.8030

Deuteranopia

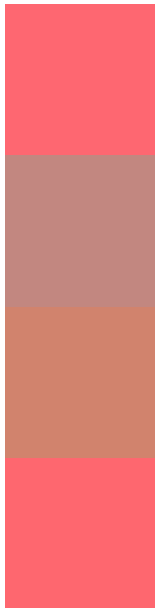
153.0900, 34.6170, -5.1190



Tritanopia

148.9470, 87.7490, 34.1890

Trichromacy



Original Color

149.2890, 86.7860, 35.1220

Protanomaly

151.8430, 37.4110, 10.3310

Deuteranomaly

151.8140, 53.5500, 9.6940

Tritanomaly

149.0610, 87.4280, 34.5000

Monochromacy



Original Color

149.2890, 86.7860, 35.1220

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.9010, 31.4960, 12.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.2890, 86.7860, 35.1220 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(254, 103, 113)` looks like.

```
.text, #text, p{  
    color:rgb(254, 103, 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(254, 103, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 103, 113) }
```

Border

The CSS property to change the border of an element to YIQ 149.2890, 86.7860, 35.1220 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(254, 103, 113) }
```


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

```
.border{ border-color:rgb(254, 103, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 103, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 103, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 103, 113);  
box-shadow:4px 4px 4px 4px rgb(254, 103,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 149.2890, 86.7860, 35.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 103, 113) }
```

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

```
.background{ background-color: rgb(254,  
103, 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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