

Converting Colors

YIQ(149.3160, 82.1560, 30.9240)

Have a look what the booklet for
YIQ(149.3160, 82.1560, 30.9240)
contains.

YIQ(149.3160, 82.1560, 30.9240)	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(149.3160, 82.1560,
30.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	F76B6F
RGB	247, 107, 111
RGB Percent	97%, 42%, 44%
CMY	0.0310, 0.5806, 0.5644
CMYK	0.00, 0.57, 0.55, 0.03
HSL	358°, 90%, 69%
HSV	358°, 57%, 97%
XYZ	46.5133, 31.4424, 18.6802
YIQ	149.3160, 82.1560, 30.9240

Conversions

Conversions Part 2

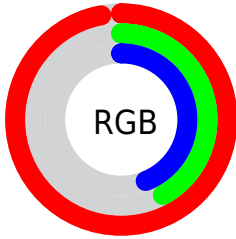
Format	Color
R _Y B	247, 107, 111
Decimal	16214895
CIE Lab	62.88, 54.02, 24.87
CIE LCh	63, 59.470, 24.718
Yxy	31.4424, 0.4813, 0.3254
Android (android.graphics.Color)	4294404975 (0xFFFF76B6F)
YUV	149.3160, -18.8898, 85.6689
Hunter-Lab	56.0735, 49.9383, 19.4997

Details

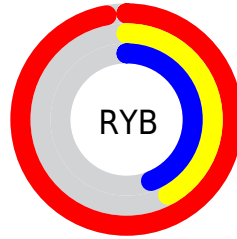
The YIQ color **149.3160, 82.1560, 30.9240** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **204.6840, -82.1560, -30.9240**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **189.9210, 55.1070, 20.0270**, and **92.4340, 76.0120, 32.1400** is the 20% darker color. If you saturate the color by 10%, you get **131.9050, 96.7350, 36.5350**, and if you desaturate by 10%, it is **166.7270, 67.5770, 25.3130**.

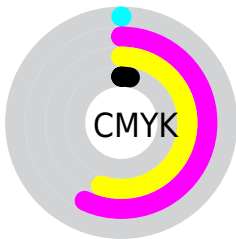
Distribution



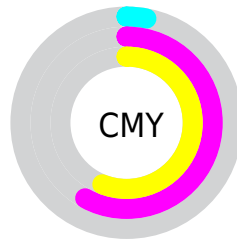
- Red (97%)
- Green (42%)
- Blue (44%)



- Red (97%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (57%)
- Yellow (55%)
- Black (3%)





- Cyan (3%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.3160, 82.1560, 30.9240 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 149.3160, 82.1560, 30.9240 by changing the saturation by 10% instead.


 149.3160, 82.1560,
30.9240


 149.3160, 82.1560,
30.9240


255.0000, -0.0000,
-0.0000


 120.8750, 79.0840,
31.5320


 189.9210, 55.1070,
20.0270


 92.4340, 76.0120,
32.1400


 210.0220, 38.4650,
13.2570


 59.9380, 74.7730,
38.0770

 230.2370, 21.5020,
6.7980

 39.7690, 67.7590,
33.0310

 250.4520, 4.5390,
0.3390

 28.7040, 57.2160,
20.3520

 20.1470, 39.6110,
14.5150

 11.1770, 21.7310,

8.1550

■ 0.0000, 0.0000,
0.0000

■ 149.3160, 82.1560,
30.9240

■ 149.3160, 82.1560,
30.9240

■ 131.9050, 96.7350,
36.5350

■ 166.7270, 67.5770,
25.3130

■ 115.0810,
111.0390, 41.6230

■ 183.5510, 53.2730,
20.2250

■ 97.6700, 125.6180,
47.2340

■ 200.9620, 38.6940,
14.6140

■ 80.2590, 140.1970,
52.8450

■ 218.3730, 24.1150,
9.0030

■ 74.6510, 144.9650,
54.5410

■ 235.1970, 9.8110,
3.9150

252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



152.4010, 63.5840, 48.1280



149.3160, 82.1560, 30.9240



149.0600, 78.8600, 2.5400

Triad

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



149.3160, 82.1560, 30.9240



131.0290, -35.6160, -48.3840



123.5770, -126.1300, -4.8980

Complementary

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



149.3160, 82.1560, 30.9240



204.6840, -82.1560, -30.9240

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.



128.0960, -123.6980, -15.9380



149.3160, 82.1560, 30.9240



119.9730, -93.9360, -48.7200

Square

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



149.3160, 82.1560, 30.9240



141.4150, 22.0150, -41.0650



126.1290, -111.2700, -31.9260



152.4040, -37.9230, 32.0050

Rectangle

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



149.3160, 82.1560, 30.9240



147.5940, 67.7680, -16.7120



126.1290, -111.2700, -31.9260



126.3980, -127.1840, -7.8240

Sweetspot

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



149.3160, 82.1560, 30.9240



224.9710, 25.3070, 9.4270



163.3250, 35.5200, 72.1600



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.



149.3160, 82.1560, 30.9240



134.2970, 101.5030, 38.2310



187.0150, 65.5650, -4.3150



113.7020, 6.8310, 2.8550



56.1840, 109.2510, 40.9870



17.8690, 34.5220, 13.1300

Inverse Universe

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



149.3160, 82.1560, 30.9240



134.2970, 101.5030, 38.2310



166.9850, -65.5650, 4.3150



113.7020, 6.8310, 2.8550



56.1840, 109.2510, 40.9870



17.8690, 34.5220, 13.1300

Previews

White Background



This preview shows how the YIQ color 149.3160, 82.1560, 30.9240 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 149.3160, 82.1560, 30.9240 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 149.3160, 82.1560, 30.9240

Background



This preview shows how black text looks on a background with the YIQ color 149.3160, 82.1560, 30.9240.



This preview shows how white text looks on a background with the YIQ color 149.3160, 82.1560,

30.9240.

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

149.3160, 82.1560, 30.9240

Protanopia

152.1120, 11.1880, -4.5240

Deuteranopia

152.0900, 34.6170, -5.1190



Tritanopia

149.6580, 81.1930, 31.8570

Trichromacy



Original Color

149.3160, 82.1560, 30.9240

Protanomaly

151.3760, 37.2280, 8.1400

Deuteranomaly

151.2760, 52.1290, 7.9130

Tritanomaly

149.5440, 81.5140, 31.5460

Monochromacy



Original Color

149.3160, 82.1560, 30.9240

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.3630, 30.0750, 11.1230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.3160, 82.1560, 30.9240 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(247, 107, 111)` looks like.

```
.text, #text, p{  
    color:rgb(247, 107, 111)  
}
```

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(247, 107, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 107, 111) }
```

Border

The CSS property to change the border of an element to YIQ 149.3160, 82.1560, 30.9240 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(247, 107, 111) }
```


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

```
.border{ border-color:rgb(247, 107, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 107, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 107, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 107, 111);  
box-shadow:4px 4px 4px 4px rgb(247, 107,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 149.3160, 82.1560, 30.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 107, 111) }
```

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

```
.background{ background-color: rgb(247,  
107, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor