

Converting Colors

YIQ(140.3100, 91.4610, 44.0130)

Have a look what the booklet for
YIQ(140.3100, 91.4610, 44.0130)
contains.

YIQ(140.3100, 91.4610, 44.0130)	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(140.3100, 91.4610,
44.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5772
RGB	255, 87, 114
RGB Percent	100%, 34%, 45%
CMY	0.0000, 0.6591, 0.5526
CMYK	0.00, 0.66, 0.55, 0.00
HSL	350°, 100%, 67%
HSV	350°, 66%, 100%
XYZ	47.6847, 29.2819, 19.0843
YIQ	140.3100, 91.4610, 44.0130

Conversions

Conversions Part 2

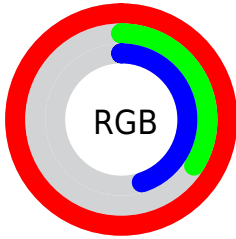
Format	Color
R _Y B	255, 87, 114
Decimal	16734066
CIE Lab	61.03, 65.27, 20.88
CIE LCh	61, 68.533, 17.740
Yxy	29.2819, 0.4965, 0.3049
Android (android.graphics.Color)	4294924146 (0xFFFF5772)
YUV	140.3100, -12.9708, 100.5831
Hunter-Lab	54.1127, 62.5989, 16.9687

Details

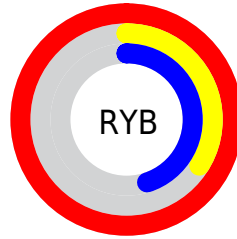
The YIQ color **140.3100, 91.4610, 44.0130** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **201.6900, -91.4610, -44.0130**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.2840, 58.8190, 29.8510**, and **71.9760, 89.9460, 54.9540** is the 20% darker color. If you saturate the color by 10%, you get **122.6540, 105.3520, 51.0800**, and if you desaturate by 10%, it is **157.3790, 77.8450, 37.4690**.

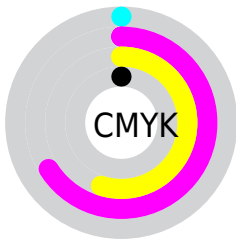
Distribution



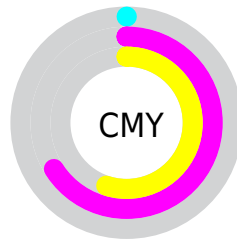
- Red (100%)
- Green (34%)
- Blue (45%)



- Red (100%)
- Yellow (34%)
- Blue (45%)



- Cyan (0%)
- Magenta (66%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (66%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 140.3100, 91.4610, 44.0130 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 140.3100, 91.4610, 44.0130 by changing the saturation by 10% instead.


 140.3100, 91.4610,
44.0130


 140.3100, 91.4610,
44.0130


255.0000, -0.0000,
-0.0000


 109.8090, 88.6180,
45.9780


 180.2840, 58.8190,
29.8510

 72.0900, 89.6250,
55.2650


 200.3850, 42.1770,
23.0810


 53.2690, 81.5110,
48.1270

 220.6000, 25.2140,
16.6220

 41.7200, 69.4550,
35.3350

 241.4020, 7.9760,
9.6400

 29.9000, 59.6000,
21.2000

 21.8700, 41.9490,
16.1970

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 140.3100, 91.4610,
44.0130

■ 140.3100, 91.4610,
44.0130

■ 122.6540,
105.3520, 51.0800

■ 157.3790, 77.8450,
37.4690

■ 105.4710,
119.2890, 57.3130

■ 175.1490, 63.6330,
30.7130

■ 87.8150, 133.1800,
64.3800

■ 192.2180, 50.0170,
24.1690

■ 80.9190, 138.8190,
66.8110

■ 209.9880, 35.8050,
17.4130

■ 227.0570, 22.1890,
10.8690

244.7130, 8.2980,
3.8020

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



144.8500, 64.1780, 59.3940



140.3100, 91.4610, 44.0130



141.4580, 92.6590, 11.2750

Triad

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



140.3100, 91.4610, 44.0130



124.4890, -25.5280, -55.0000



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.



140.3100, 91.4610, 44.0130



201.6900, -91.4610, -44.0130

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.



127.8680, -123.0560, -16.5600



140.3100, 91.4610, 44.0130



115.7040, -86.0490, -53.9930

Square

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



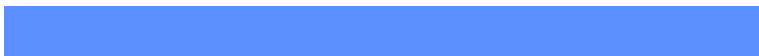
140.3100, 91.4610, 44.0130



133.4430, 42.0070, -50.9610



123.4730, -106.5470, -34.9230



139.6330, -66.6690, 24.3310

Rectangle

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



140.3100, 91.4610, 44.0130



140.3310, 84.6860, -14.9460



123.4730, -106.5470, -34.9230



126.5120, -127.5050, -7.5130

Sweetspot

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



140.3100, 91.4610, 44.0130



220.1610, 27.8280, 13.3000



148.0120, 29.5120, 81.9280



106.8390, 16.8710, 8.1270



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.



140.3100, 91.4610, 44.0130



117.7470, 109.5240, 52.5640



170.1040, 84.7280, 6.3280



119.1150, 7.1060, 3.3780



60.6430, 103.8850, 50.1330



20.2760, 34.9340, 16.6780

Inverse Universe

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



140.3100, 91.4610, 44.0130



117.7470, 109.5240, 52.5640



171.8960, -84.7280, -6.3280



119.1150, 7.1060, 3.3780



60.6430, 103.8850, 50.1330



20.2760, 34.9340, 16.6780

Previews

White Background



This preview shows how the YIQ color 140.3100, 91.4610, 44.0130 looks on a white background.

Color Contrast Check

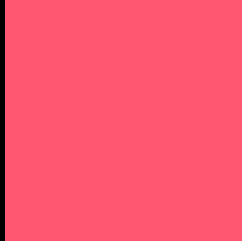
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.3100, 91.4610, 44.0130 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 140.3100, 91.4610, 44.0130

Background



This preview shows how black text looks on a background with the YIQ color 140.3100, 91.4610, 44.0130.



This preview shows how white text looks on a background with the YIQ color 140.3100, 91.4610,

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

140.3100, 91.4610, 44.0130

Protanopia

147.7400, 3.6680, -0.3960

Deuteranopia

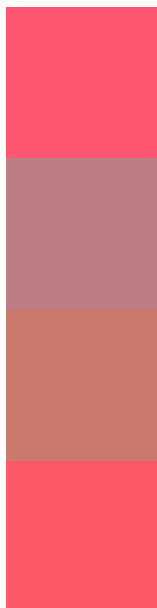
147.1760, 31.4990, -3.6770



Tritanopia

139.7200, 95.8180, 36.6340

Trichromacy



Original Color

140.3100, 91.4610, 44.0130

Protanomaly

144.9340, 35.8970, 15.7450

Deuteranomaly

144.4490, 53.3200, 13.8640

Tritanomaly

139.9310, 93.8460, 39.3340

Monochromacy



Original Color

140.3100, 91.4610, 44.0130

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.3790, 33.1460, 16.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.3100, 91.4610, 44.0130 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(255, 87, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 114)  
}
```

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(255, 87, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 114) }
```

Border

The CSS property to change the border of an element to YIQ 140.3100, 91.4610, 44.0130 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(255, 87, 114) }
```


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

```
.border{ border-color:rgb(255, 87, 114) }
```

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

Here you see how a box with a 4 pixel rgb(255, 87, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 140.3100, 91.4610, 44.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 114) }
```

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

```
.background{ background-color: rgb(255, 87,  
114) }
```

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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