

Converting Colors

YIQ(131.6140, 85.6340, 67.0260)

Have a look what the booklet for
YIQ(131.6140, 85.6340, 67.0260)
contains.

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Color

**YIQ(131.6140, 85.6340,
67.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4197
RGB	255, 65, 151
RGB Percent	100%, 25%, 59%
CMY	0.0000, 0.7454, 0.4076
CMYK	0.00, 0.75, 0.41, 0.00
HSL	333°, 100%, 63%
HSV	333°, 75%, 100%
XYZ	48.7173, 27.2681, 32.0034
YIQ	131.6140, 85.6340, 67.0260

Conversions

Conversions Part 2

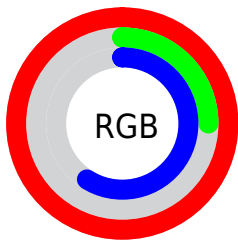
Format	Color
R_{YB}	255, 65, 151
Decimal	16728471
CIE Lab	59.22, 75.91, -3.28
CIE LCh	59, 75.986, 357.523
Yxy	27.2681, 0.4511, 0.2525
Android (android.graphics.Color)	4294918551 (0xFFFF4197)
YUV	131.6140, 9.5573, 108.2095
Hunter-Lab	52.2189, 75.1476, 0.2161

Details

The YIQ color **131.6140, 85.6340, 67.0260** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **188.3860, -85.6340, -67.0260**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.7510, 50.9750, 50.8710**, and **69.1070, 82.9280, 72.0160** is the 20% darker color. If you saturate the color by 10%, you get **114.7560, 97.2780, 76.2700**, and if you desaturate by 10%, it is **147.8850, 74.2650, 58.3050**.

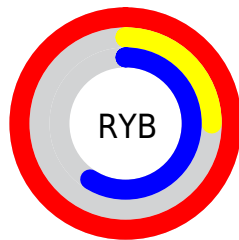
Distribution



Red (100%)

Green (25%)

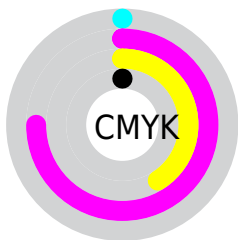
Blue (59%)



Red (100%)

Yellow (25%)

Blue (59%)

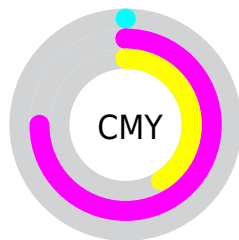


Cyan (0%)

Magenta (75%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.6140, 85.6340, 67.0260 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 131.6140, 85.6340, 67.0260 by changing the saturation by 10% instead.


 131.6140, 85.6340,
67.0260


 131.6140, 85.6340,
67.0260


255.0000, -0.0000,
-0.0000


 92.9660, 87.8790,
75.9030


 174.7510, 50.9750,
50.8710


 69.1070, 82.9280,
72.0160


 195.5530, 33.7370,
43.8890


 57.2160, 71.8350,
58.2910


 215.6710, 18.4250,
35.0410

 45.6240, 61.3380,
44.7780

 233.2810, 10.1750,
19.3510

 34.2600, 50.1990,
31.8870

 250.8910, 1.9250,
3.6610

 23.1520, 41.2150,
18.4870

 12.6720, 24.7110,

9.2150

■ 0.0000, 0.0000,
0.0000

■ 131.6140, 85.6340,
67.0260

■ 131.6140, 85.6340,
67.0260

■ 114.7560, 97.2780,
76.2700

■ 147.8850, 74.2650,
58.3050

■ 98.4850, 108.6470,
84.9910

■ 164.7430, 62.6210,
49.0610

■ 89.4690, 114.7440,
90.1360

■ 181.0140, 51.2520,
40.3400

■ 197.8720, 39.6080,
31.0960

■ 214.1430, 28.2390,
22.3750

■ 231.0010, 16.5950,
13.1310

■ 247.2720, 5.2260,
4.4100

■ 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.



143.0980, 34.4210, 64.5410



131.6140, 85.6340, 67.0260



131.1340, 103.5200, 40.2240

Triad

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



131.6140, 85.6340, 67.0260



125.3480, 22.9810, -58.5790



127.0990, -127.7800, -8.0360

Complementary

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



131.6140, 85.6340, 67.0260



188.3860, -85.6340, -67.0260

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.



124.1060, -112.4630, -26.8230



131.6140, 85.6340, 67.0260



105.4390, -66.7900, -67.1260

Square

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



131.6140, 85.6340, 67.0260



133.6300, 66.9460, -34.8620



116.3540, -90.6350, -47.9710



118.8810, -123.9300, -0.7140

Rectangle

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



131.6140, 85.6340, 67.0260



134.1770, 100.8200, 12.0520



116.3540, -90.6350, -47.9710



126.5630, -123.5150, -13.7470

Sweetspot

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



131.6140, 85.6340, 67.0260



218.5940, 25.3510, 19.6470



116.8590, -0.7940, 80.5020



105.8760, 15.4490, 11.8730



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.



131.6140, 85.6340, 67.0260



107.6150, 102.2290, 80.1570



125.3320, 111.5900, 37.1420



119.5710, 5.8220, 4.6220



67.0270, 85.9090, 67.5490



22.4420, 28.8350, 22.5870

Inverse Universe

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



131.6140, 85.6340, 67.0260



107.6150, 102.2290, 80.1570



194.6680, -111.5900, -37.1420



119.5710, 5.8220, 4.6220



67.0270, 85.9090, 67.5490



22.4420, 28.8350, 22.5870

Previews

White Background



This preview shows how the YIQ color 131.6140, 85.6340, 67.0260 looks on a white background.

Color Contrast Check

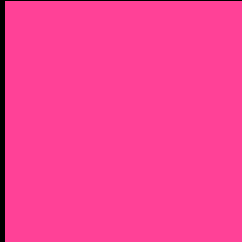
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.6140, 85.6340, 67.0260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

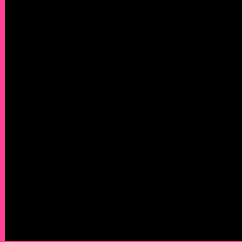
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.6140, 85.6340, 67.0260

Background



This preview shows how black text looks on a background with the YIQ color 131.6140, 85.6340, 67.0260.



This preview shows how white text looks on a background with the YIQ color 131.6140, 85.6340,

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

131.6140, 85.6340, 67.0260

Protanopia

142.8280, -28.1540, 14.6460

Deuteranopia

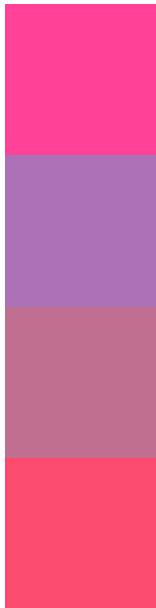
144.1370, 10.0400, 5.2720



Tritanopia

133.1010, 99.1190, 37.3830

Trichromacy



Original Color

131.6140, 85.6340, 67.0260

Protanomaly

138.5070, 13.0150, 33.9670

Deuteranomaly

139.3940, 37.9580, 27.9580

Tritanomaly

132.5000, 93.9820, 47.8860

Monochromacy



Original Color

131.6140, 85.6340, 67.0260

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.1650, 31.1730, 24.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.6140, 85.6340, 67.0260 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, 65, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 151)  
}
```

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, 65, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 151) }
```

Border

The CSS property to change the border of an element to YIQ 131.6140, 85.6340, 67.0260 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, 65, 151) }
```


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

```
.border{ border-color:rgb(255, 65, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 65, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 131.6140, 85.6340, 67.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 151) }
```

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

```
.background{ background-color: rgb(255, 65,  
151) }
```

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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