

Converting Colors

YIQ(136.8680, 90.1300, 51.6180)

Have a look what the booklet for
YIQ(136.8680, 90.1300, 51.6180)
contains.

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Color

**YIQ(136.8680, 90.1300,
51.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4F7D
RGB	255, 79, 125
RGB Percent	100%, 31%, 49%
CMY	0.0000, 0.6904, 0.5095
CMYK	0.00, 0.69, 0.51, 0.00
HSL	344°, 100%, 65%
HSV	344°, 69%, 100%
XYZ	47.7376, 28.3241, 22.3806
YIQ	136.8680, 90.1300, 51.6180

Conversions

Conversions Part 2

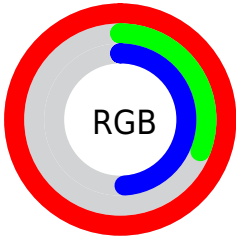
Format	Color
RYB	255, 79, 125
Decimal	16732029
CIELab	60.18, 69.08, 13.31
CIElCh	60, 70.353, 10.908
Yxy	28.3241, 0.4849, 0.2877
Android (android.graphics.Color)	4294922109 (0xFFFF4F7D)
YUV	136.8680, -5.8509, 103.6018
Hunter-Lab	53.2204, 66.9752, 12.3212

Details

The YIQ color **136.8680, 90.1300, 51.6180** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **197.1320, -90.1300, -51.6180**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4290, 57.2130, 36.9330**, and **66.1860, 89.7150, 64.6510** is the 20% darker color. If you saturate the color by 10%, you get **119.4400, 103.3790, 59.3070**, and if you desaturate by 10%, it is **153.7090, 77.1560, 44.4520**.

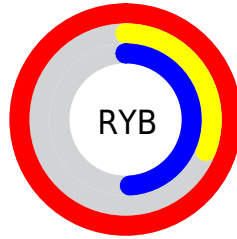
Distribution



Red (100%)

Green (31%)

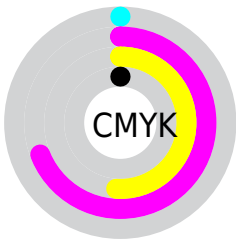
Blue (49%)



Red (100%)

Yellow (31%)

Blue (49%)

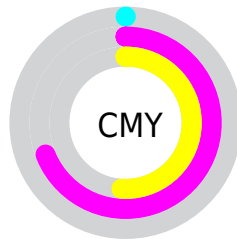


Cyan (0%)

Magenta (69%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.8680, 90.1300, 51.6180 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 136.8680, 90.1300, 51.6180 by changing the saturation by 10% instead.


 136.8680, 90.1300,
51.6180


 136.8680, 90.1300,
51.6180


255.0000, -0.0000,
-0.0000


 104.4920, 88.4330,
54.8410


 177.4290, 57.2130,
36.9330


 66.1860, 89.7150,
64.6510


 198.2310, 39.9750,
29.9510


 54.2950, 78.6220,
50.9260

 218.4460, 23.0120,
23.4920

 43.0450, 67.1620,
38.3460

 238.5640, 7.7000,
14.6440

 31.4530, 56.6650,
24.8330

 21.9840, 41.6280,
16.5080

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 136.8680, 90.1300,
51.6180

■ 136.8680, 90.1300,
51.6180

■ 119.4400,
103.3790, 59.3070

■ 153.7090, 77.1560,
44.4520

■ 102.5990,
116.3530, 66.4730

■ 171.1370, 63.9070,
36.7630

■ 85.2850, 129.2810,
74.4730

■ 187.9780, 50.9330,
29.5970

■ 83.8830, 130.4730,
74.8970

■ 205.2920, 38.0050,
21.5970

■ 222.1330, 25.0310,
14.4310

239.5610, 11.7820,
6.7420

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.



143.2390, 55.8330, 61.9530



136.8680, 90.1300, 51.6180



137.9950, 95.8210, 20.0530

Triad

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



136.8680, 90.1300, 51.6180



124.9440, -7.8760, -55.5240



124.7510, -126.6800, -5.9440

Complementary

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



136.8680, 90.1300, 51.6180



197.1320, -90.1300, -51.6180

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.



126.0270, -119.2500, -19.4580



136.8680, 90.1300, 51.6180



112.0050, -79.7670, -57.7110

Square

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



136.8680, 90.1300, 51.6180



133.2100, 50.2130, -45.4910



120.5890, -101.1820, -38.5420



115.3810, -119.3460, 4.3180

Rectangle

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



136.8680, 90.1300, 51.6180



138.2380, 89.6820, -6.3660



120.5890, -101.1820, -38.5420



126.8710, -127.1380, -8.6580

Sweetspot

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



136.8680, 90.1300, 51.6180



218.7420, 27.6900, 15.8020



137.6350, 20.3880, 82.0840



106.4800, 16.5040, 9.2720



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.



136.8680, 90.1300, 51.6180



112.7720, 108.3760, 62.3600



155.6910, 93.6210, 15.8690



119.2290, 6.7850, 3.6890



62.8090, 97.7860, 56.0420



21.0740, 32.6870, 18.8550

Inverse Universe

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



136.8680, 90.1300, 51.6180



112.7720, 108.3760, 62.3600



178.3090, -93.6210, -15.8690



119.2290, 6.7850, 3.6890



62.8090, 97.7860, 56.0420



21.0740, 32.6870, 18.8550

Previews

White Background



This preview shows how the YIQ color 136.8680, 90.1300, 51.6180 looks on a white background.

Color Contrast Check

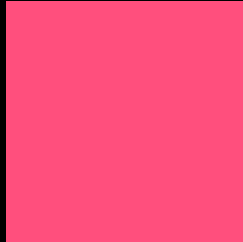
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8680, 90.1300, 51.6180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

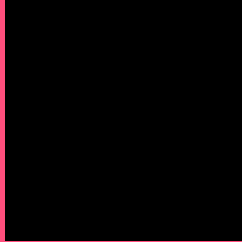
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.8680, 90.1300, 51.6180

Background



This preview shows how black text looks on a background with the YIQ color 136.8680, 90.1300, 51.6180.



This preview shows how white text looks on a background with the YIQ color 136.8680, 90.1300,

51.6180.

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

136.8680, 90.1300, 51.6180

Protanopia

145.8240, -5.1360, 4.9760

Deuteranopia

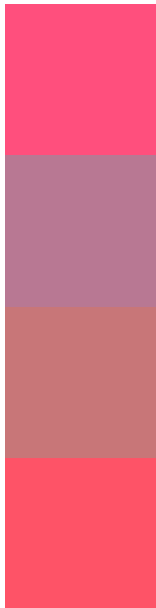
146.0490, 24.6670, -1.0050



Tritanopia

136.5030, 97.9270, 36.9590

Trichromacy



Original Color

136.8680, 90.1300, 51.6180

Protanomaly

142.2140, 29.4770, 21.9650

Deuteranomaly

142.7460, 48.2300, 18.0060

Tritanomaly

136.4090, 95.4960, 42.4720

Monochromacy



Original Color

136.8680, 90.1300, 51.6180

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0740, 32.6870, 18.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8680, 90.1300, 51.6180 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, 79, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 125)  
}
```

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, 79, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 125) }
```

Border

The CSS property to change the border of an element to YIQ 136.8680, 90.1300, 51.6180 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, 79, 125) }
```


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

```
.border{ border-color:rgb(255, 79, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 79, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8680, 90.1300, 51.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 125) }
```

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

```
.background{ background-color: rgb(255, 79,  
125) }
```

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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