

Converting Colors

YIQ(138.6300, 79.5370, 61.8810)

Have a look what the booklet for
YIQ(138.6300, 79.5370, 61.8810)
contains.

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Color

**YIQ(138.6300, 79.5370,
61.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	FD4D9C
RGB	253, 77, 156
RGB Percent	99%, 30%, 61%
CMY	0.0074, 0.6983, 0.3880
CMYK	0.00, 0.70, 0.38, 0.01
HSL	333°, 98%, 65%
HSV	333°, 70%, 99%
XYZ	49.2064, 28.6050, 34.4092
YIQ	138.6300, 79.5370, 61.8810

Conversions

Conversions Part 2

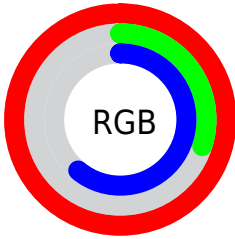
Format	Color
R _Y B	253, 77, 156
Decimal	16600476
CIE Lab	60.43, 72.03, -4.45
CIE LCh	60, 72.172, 356.465
Yxy	28.6050, 0.4385, 0.2549
Android (android.graphics.Color)	4294790556 (0xFFFD4D9C)
YUV	138.6300, 8.5634, 100.3025
Hunter-Lab	53.4836, 70.6287, -0.7062

Details

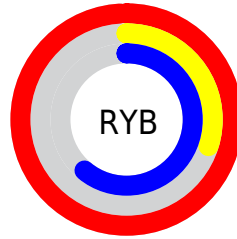
The YIQ color **138.6300, 79.5370, 61.8810** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **191.3700, -79.5370, -61.8810**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.6040, 46.8950, 47.7190**, and **69.0790, 80.1310, 73.1470** is the 20% darker color. If you saturate the color by 10%, you get **122.3590, 90.9060, 70.6020**, and if you desaturate by 10%, it is **154.9010, 68.1680, 53.1600**.

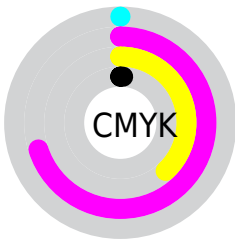
Distribution



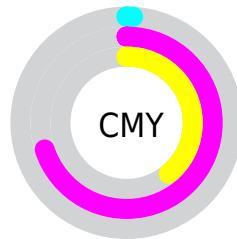
- Red (99%)
- Green (30%)
- Blue (61%)



- Red (99%)
- Yellow (30%)
- Blue (61%)



- Cyan (0%)
- Magenta (70%)
- Yellow (38%)
- Black (1%)



- Cyan (1%)
- Magenta (70%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.6300, 79.5370, 61.8810 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 138.6300, 79.5370, 61.8810 by changing the saturation by 10% instead.


 138.6300, 79.5370,
61.8810


 138.6300, 79.5370,
61.8810


255.0000, -0.0000,
-0.0000


 105.8520, 79.0320,
65.5280


 180.6040, 46.8950,
47.7190

 69.0790, 80.1310,
73.1470


 201.5200, 29.3360,
41.0480


 57.3730, 69.9550,
59.3230

 220.3670, 16.2250,
30.8570

 45.7810, 59.4580,
45.8100

 237.9770, 7.9750,
15.1670

 34.7160, 48.9150,
33.1310

 23.8360, 39.2890,
20.3530

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 138.6300, 79.5370,
61.8810

■ 138.6300, 79.5370,
61.8810

■ 122.3590, 90.9060,
70.6020

■ 154.9010, 68.1680,
53.1600

■ 105.5010,
102.5500, 79.8460

■ 171.7590, 56.5240,
43.9160

■ 89.2300, 113.9190,
88.5670

■ 188.0300, 45.1550,
35.1950

■ 88.6430, 114.1940,
89.0900

■ 204.3010, 33.7860,
26.4740

■ 220.5720, 22.4170,
17.7530

237.4300, 10.7730,
8.5090

253.7010, -0.5960,
-0.2120

254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



148.0110, 30.1120, 60.0320



138.6300, 79.5370, 61.8810



136.7420, 98.7520, 38.5280

Triad

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



138.6300, 79.5370, 61.8810



129.2130, 27.7950, -57.7170



127.9310, -127.3670, -10.0150

Complementary

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



138.6300, 79.5370, 61.8810



191.3700, -79.5370, -61.8810

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.



125.0520, -112.3710, -28.4910



138.6300, 79.5370, 61.8810



107.1830, -68.9450, -66.6170

Square

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



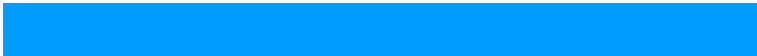
138.6300, 79.5370, 61.8810



136.2990, 69.3760, -34.8480



117.6420, -91.5060, -48.7060



120.6420, -124.7550, -2.2830

Rectangle

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



138.6300, 79.5370, 61.8810



138.9640, 97.1060, 13.2820



117.6420, -91.5060, -48.7060



127.9820, -123.3770, -16.2490

Sweetspot

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



138.6300, 79.5370, 61.8810



219.9960, 24.1590, 19.2230



126.0670, 1.3160, 75.3000



107.1640, 14.5780, 11.1380



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.



138.6300, 79.5370, 61.8810



115.9300, 96.7280, 75.2240



134.9070, 102.4210, 32.6050



119.4570, 6.1430, 4.3110



66.9130, 86.2300, 67.2380



22.4420, 28.8350, 22.5870

Inverse Universe

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



138.6300, 79.5370, 61.8810



115.9300, 96.7280, 75.2240



195.0930, -102.4210, -32.6050



119.4570, 6.1430, 4.3110



66.9130, 86.2300, 67.2380



22.4420, 28.8350, 22.5870

Previews

White Background



This preview shows how the YIQ color 138.6300, 79.5370, 61.8810 looks on a white background.

Color Contrast Check

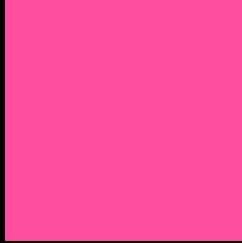
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.6300, 79.5370, 61.8810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

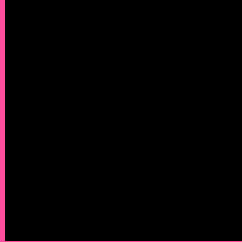
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.6300, 79.5370, 61.8810

Background



This preview shows how black text looks on a background with the YIQ color 138.6300, 79.5370, 61.8810.



This preview shows how white text looks on a background with the YIQ color 138.6300, 79.5370,

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

138.6300, 79.5370, 61.8810

Protanopia

146.0840, -25.9990, 14.1370

Deuteranopia

147.0660, 8.8020, 5.6820



Tritanopia

138.9260, 92.2420, 35.3620

Trichromacy



Original Color

138.6300, 79.5370, 61.8810

Protanomaly

143.6270, 12.5570, 31.2530

Deuteranomaly

144.0730, 34.4280, 25.8520

Tritanomaly

138.6840, 87.4720, 44.7200

Monochromacy



Original Color

138.6300, 79.5370, 61.8810

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.4420, 28.8350, 22.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.6300, 79.5370, 61.8810 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(253, 77, 156)` looks like.

```
.text, #text, p{  
    color:rgb(253, 77, 156)  
}
```

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(253, 77, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 77, 156) }
```

Border

The CSS property to change the border of an element to YIQ 138.6300, 79.5370, 61.8810 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(253, 77, 156) }
```


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

```
.border{ border-color:rgb(253, 77, 156) }
```

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

Here you see how a box with a 4 pixel rgb(253, 77, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 77, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 77, 156);  
box-shadow:4px 4px 4px 4px rgb(253, 77,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 138.6300, 79.5370, 61.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 77, 156) }
```

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

```
.background{ background-color: rgb(253, 77,  
156) }
```

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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