

Converting Colors

YIQ(144.6490, 61.3310, 83.4670)

Have a look what the booklet for
YIQ(144.6490, 61.3310, 83.4670)
contains.

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Color

**YIQ(144.6490, 61.3310,
83.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4ADB
RGB	255, 74, 219
RGB Percent	100%, 29%, 86%
CMY	0.0000, 0.7101, 0.1410
CMYK	0.00, 0.71, 0.14, 0.00
HSL	312°, 100%, 64%
HSV	312°, 71%, 100%
XYZ	56.4743, 31.2637, 70.0989
YIQ	144.6490, 61.3310, 83.4670

Conversions

Conversions Part 2

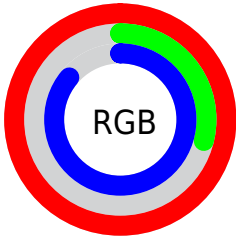
Format	Color
R _Y B	255, 74, 219
Decimal	16730843
CIE Lab	62.73, 80.99, -36.95
CIE LCh	63, 89.027, 335.475
Yxy	31.2637, 0.3578, 0.1981
Android (android.graphics.Color)	4294920923 (0xFFFF4ADB)
YUV	144.6490, 36.6550, 96.7778
Hunter-Lab	55.9139, 82.4395, -35.1917

Details

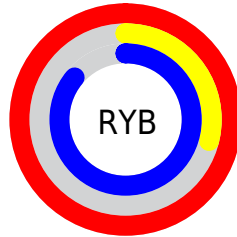
The YIQ color **144.6490, 61.3310, 83.4670** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **184.3510, -61.3310, -83.4670**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7340, 32.4500, 61.7140**, and **76.7020, 62.9800, 92.1320** is the 20% darker color. If you saturate the color by 10%, you get **128.8170, 70.0860, 95.5100**, and if you desaturate by 10%, it is **159.8940, 52.8510, 71.9470**.

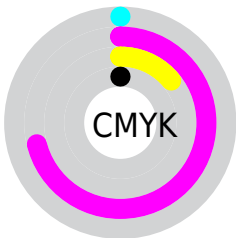
Distribution



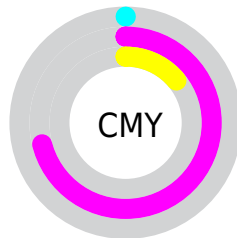
- Red (100%)
- Green (29%)
- Blue (86%)



- Red (100%)
- Yellow (29%)
- Blue (86%)



- Cyan (0%)
- Magenta (71%)
- Yellow (14%)
- Black (0%)




- Cyan (0%)
- Magenta (71%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 144.6490, 61.3310, 83.4670 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 144.6490, 61.3310, 83.4670 by changing the saturation by 10% instead.


 144.6490, 61.3310,
83.4670


 144.6490, 61.3310,
83.4670


255.0000, -0.0000,
-0.0000


 108.7080, 62.8430,
89.1070


 185.7340, 32.4500,
61.7140

 76.7020, 62.9800,
92.1320


 203.3440, 24.2000,
46.0240


 64.6540, 53.7670,
77.3750

 220.9540, 15.9500,
30.3340

 53.0190, 44.8290,
63.1410

 238.5640, 7.7000,
14.6440

 41.4980, 35.5700,
49.2180

 30.5040, 26.2650,
36.1290

 19.5100, 16.9600,

23.0400

■ 4.6290, -0.0930,
7.1950

■ 0.0000, 0.0000,
0.0000

■ 144.6490, 61.3310,
83.4670

■ 144.6490, 61.3310,
83.4670

■ 128.8170, 70.0860,
95.5100

■ 159.8940, 52.8510,
71.9470

■ 113.5720, 78.5660,
107.0300

■ 175.7260, 44.0960,
59.9040

■ 99.5010, 86.4960,
117.5040

■ 190.9710, 35.6160,
48.3840

■ 206.8030, 26.8610,
36.3410

■ 222.0480, 18.3810,
24.8210

■ 237.8800, 9.6260,
12.7780

■ 253.1250, 1.1460,
1.2580

■ 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.



150.9050, -16.7440, 50.1680



144.6490, 61.3310, 83.4670



115.2120, 95.9940, 77.5140

Triad

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



144.6490, 61.3310, 83.4670



140.9400, 59.8410, -43.7670



136.1830, -128.5570, -21.4930

Complementary

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



144.6490, 61.3310, 83.4670



184.3510, -61.3310, -83.4670

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.



127.4050, -103.8400, -45.4400



144.6490, 61.3310, 83.4670



126.0800, 2.7640, -72.1480

Square

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



144.6490, 61.3310, 83.4670



141.5800, 105.9140, -14.1980



115.4810, -75.7760, -69.4720



132.9690, -130.5300, -13.2660

Rectangle

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



144.6490, 61.3310, 83.4670



122.1980, 106.6360, 49.8360



115.4810, -75.7760, -69.4720



134.0340, -121.1280, -29.4800

Sweetspot

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



144.6490, 61.3310, 83.4670



222.0480, 18.3810, 24.8210



104.5010, -38.4330, 63.2870



108.4180, 11.0470, 14.5590



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.



144.6490, 61.3310, 83.4670



122.7190, 73.4780, 100.1180



134.6170, 89.5790, 56.0990



120.0270, 4.5380, 5.8660



74.5510, 64.7230, 88.0750



24.9500, 21.7730, 29.4290

Inverse Universe

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



144.6490, 61.3310, 83.4670



122.7190, 73.4780, 100.1180



194.3830, -89.5790, -56.0990



120.0270, 4.5380, 5.8660



74.5510, 64.7230, 88.0750



24.9500, 21.7730, 29.4290

Previews

White Background



This preview shows how the YIQ color 144.6490, 61.3310, 83.4670 looks on a white background.

Color Contrast Check

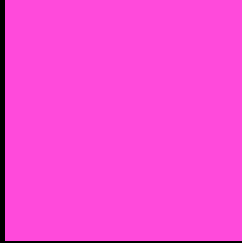
Large Text (above 18pt) WCAG AA × Fail

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 144.6490, 61.3310, 83.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

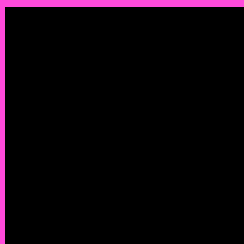
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 144.6490, 61.3310, 83.4670

Background



This preview shows how black text looks on a background with the YIQ color 144.6490, 61.3310, 83.4670.



This preview shows how white text looks on a background with the YIQ color 144.6490, 61.3310,

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

144.6490, 61.3310, 83.4670

Protanopia

148.2270, -59.6540, 23.8500

Deuteranopia

152.1270, -27.5580, 14.8580



Tritanopia

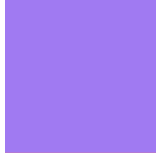
149.0600, 80.0010, 31.4330

Trichromacy



Original Color

144.6490, 61.3310, 83.4670



Protanomaly

147.0420, -15.8720, 45.3760



Deuteranomaly

149.3030, 5.0820, 40.0740



Tritanomaly

147.5440, 73.4870, 50.3750

Monochromacy



Original Color

144.6490, 61.3310, 83.4670



Achromatopsia

145.0000, 0.0000, -0.0000



Achromatomaly

144.7760, 22.3230, 30.4750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.6490, 61.3310, 83.4670 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, 74, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 219)  
}
```

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, 74, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 219) }
```

Border

The CSS property to change the border of an element to YIQ 144.6490, 61.3310, 83.4670 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, 74, 219) }
```


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

```
.border{ border-color:rgb(255, 74, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 74, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 144.6490, 61.3310, 83.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 219) }
```

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

```
.background{ background-color: rgb(255, 74,  
219) }
```

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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