

Converting Colors

YIQ(144.7850, 71.9710, 66.8430)

Have a look what the booklet for
YIQ(144.7850, 71.9710, 66.8430)
contains.

YIQ(144.7850, 71.9710, 66.8430)	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(144.7850, 71.9710,
66.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	FF52B3
RGB	255, 82, 179
RGB Percent	100%, 32%, 70%
CMY	0.0000, 0.6787, 0.2978
CMYK	0.00, 0.68, 0.30, 0.00
HSL	326°, 100%, 66%
HSV	326°, 68%, 100%
XYZ	52.3939, 30.5405, 45.8097
YIQ	144.7850, 71.9710, 66.8430

Conversions

Conversions Part 2

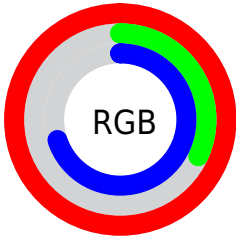
Format	Color
R _Y B	255, 82, 179
Decimal	16732851
CIE Lab	62.12, 73.25, -15.18
CIE LCh	62, 74.810, 348.294
Yxy	30.5405, 0.4070, 0.2372
Android (android.graphics.Color)	4294922931 (0xFFFF52B3)
YUV	144.7850, 16.8680, 96.6586
Hunter-Lab	55.2635, 72.5204, -10.4630

Details

The YIQ color **144.7850, 71.9710, 66.8430** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **192.2150, -71.9710, -66.8430**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **186.3890, 37.4950, 52.8790**, and **72.3700, 75.1780, 80.3140** is the 20% darker color. If you saturate the color by 10%, you get **128.2690, 82.6520, 77.0200**, and if you desaturate by 10%, it is **160.7140, 61.5650, 57.1890**.

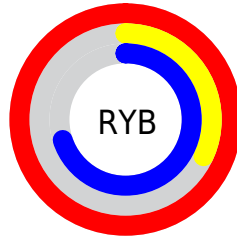
Distribution



Red (100%)

Green (32%)

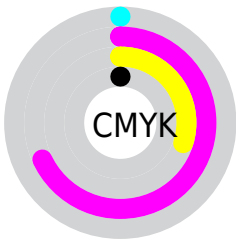
Blue (70%)



Red (100%)

Yellow (32%)

Blue (70%)

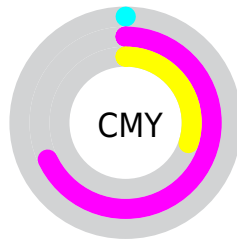


Cyan (0%)

Magenta (68%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (68%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 144.7850, 71.9710, 66.8430 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 144.7850, 71.9710, 66.8430 by changing the saturation by 10% instead.


 144.7850, 71.9710,
66.8430


 144.7850, 71.9710,
66.8430


255.0000, -0.0000,
-0.0000


 112.4800, 71.5120,
69.6560


 186.3890, 37.4950,
52.8790


 72.3700, 75.1780,
80.3140


 205.6920, 23.1000,
43.9320


 60.5500, 65.3230,
66.1790

 223.3020, 14.8500,
28.2420

 48.8440, 55.1470,
52.3550

 240.9120, 6.6000,
12.5520

 37.5510, 45.2460,
39.0540

 26.7850, 35.2990,
26.5870

 15.3350, 27.2780,

12.2540

■ 0.0000, 0.0000,
0.0000

■ 144.7850, 71.9710,
66.8430

■ 144.7850, 71.9710,
66.8430

■ 128.2690, 82.6520,
77.0200

■ 160.7140, 61.5650,
57.1890

■ 112.3400, 93.0580,
86.6740

■ 177.2300, 50.8840,
47.0120

■ 95.7100, 104.0600,
96.5400

■ 193.2730, 40.1570,
37.6690

■ 92.5470, 106.0770,
98.5330

■ 209.7890, 29.4760,
27.4920

■ 225.7180, 19.0700,
17.8380

242.2340, 8.3890,
7.6610

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.



153.6870, 13.4690, 58.7890



144.7850, 71.9710, 66.8430



136.0870, 93.7070, 47.3630

Triad

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



144.7850, 71.9710, 66.8430



135.7910, 40.9070, -53.0530



132.1710, -128.2830, -15.4430

Complementary

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



144.7850, 71.9710, 66.8430



192.2150, -71.9710, -66.8430

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.



127.3200, -110.4900, -35.0500



144.7850, 71.9710, 66.8430



122.5540, -33.3210, -62.4490

Square

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



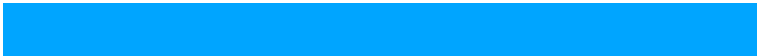
144.7850, 71.9710, 66.8430



141.4040, 82.4420, -29.3500



118.2800, -87.7910, -55.4630



125.9250, -127.2300, -6.9900

Rectangle

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



144.7850, 71.9710, 66.8430



141.8650, 102.2390, 24.8870



118.2800, -87.7910, -55.4630



131.4070, -123.3760, -21.7760

Sweetspot

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



144.7850, 71.9710, 66.8430



222.5550, 21.0870, 19.8310



124.1470, -10.8330, 69.7030



108.2070, 13.0190, 11.8590



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.



144.7850, 71.9710, 66.8430



123.1170, 86.1360, 79.9600



134.9810, 99.5770, 40.0970



119.6850, 5.5010, 4.9330



69.3070, 79.4890, 73.7690



23.2400, 26.5880, 24.7640

Inverse Universe

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



144.7850, 71.9710, 66.8430



123.1170, 86.1360, 79.9600



201.9050, -99.2560, -40.4080



119.6850, 5.5010, 4.9330



69.3070, 79.4890, 73.7690



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 144.7850, 71.9710, 66.8430 looks on a white background.

Color Contrast Check

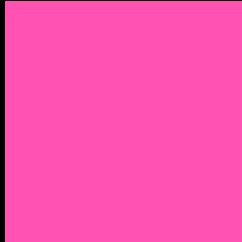
Large Text (above 18pt) WCAG AA × Fail

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 144.7850, 71.9710, 66.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

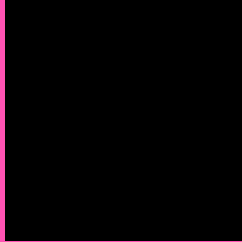
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 144.7850, 71.9710, 66.8430

Background



This preview shows how black text looks on a background with the YIQ color 144.7850, 71.9710, 66.8430.



This preview shows how white text looks on a background with the YIQ color 144.7850, 71.9710,

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

144.7850, 71.9710, 66.8430

Protanopia

149.4170, -39.9380, 18.9580

Deuteranopia

151.7260, -1.7440, 9.5840



Tritanopia

145.9360, 86.2820, 33.2420

Trichromacy



Original Color

144.7850, 71.9710, 66.8430



Protanomaly

147.7430, 0.7270, 36.3990



Deuteranomaly

149.3310, 25.0740, 30.1780



Tritanomaly

145.3890, 81.0530, 45.4130

Monochromacy



Original Color

144.7850, 71.9710, 66.8430



Achromatopsia

145.0000, 0.0000, -0.0000



Achromatomaly

144.8270, 26.3130, 24.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.7850, 71.9710, 66.8430 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, 82, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 179)  
}
```

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, 82, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 179) }
```

Border

The CSS property to change the border of an element to YIQ 144.7850, 71.9710, 66.8430 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, 82, 179) }
```


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

```
.border{ border-color:rgb(255, 82, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 144.7850, 71.9710, 66.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 179) }
```

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

```
.background{ background-color: rgb(255, 82,  
179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor