

# Converting Colors

YIQ(142.0700, 67.1550, 77.0350)

Have a look what the booklet for  
YIQ(142.0700, 67.1550, 77.0350)  
contains.

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# Color

**YIQ(142.0700, 67.1550,  
77.0350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE4AC7
RGB	254, 74, 199
RGB Percent	100%, 29%, 78%
CMY	0.0034, 0.7101, 0.2194
CMYK	0.00, 0.71, 0.22, 0.00
HSL	318°, 99%, 64%
HSV	318°, 71%, 100%
XYZ	53.6779, 30.1082, 57.0415
YIQ	142.0700, 67.1550, 77.0350

# Conversions

## Conversions Part 2

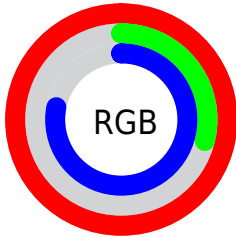
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 74, 199
Decimal	16665287
CIE <sub>Lab</sub>	61.75, 78.17, -27.18
CIE <sub>LCh</sub>	62, 82.763, 340.827
Yxy	30.1082, 0.3812, 0.2138
Android (android.graphics.Color)	4294855367 (0xFFFE4AC7)
YUV	142.0700, 28.0665, 98.1626
Hunter-Lab	54.8710, 78.5946, -23.2257

# Details

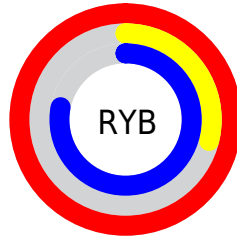
The YIQ color **142.0700, 67.1550, 77.0350** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **185.9300, -67.1550, -77.0350**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.1470, 32.7250, 62.2370**, and **74.2370, 68.4830, 86.0110** is the 20% darker color. If you saturate the color by 10%, you get **126.4830, 76.5980, 87.6220**, and if you desaturate by 10%, it is **157.6570, 57.7120, 66.4480**.

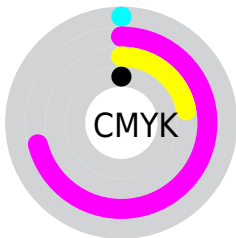
# Distribution



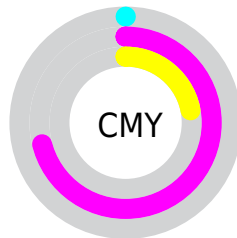
- Red (100%)
- Green (29%)
- Blue (78%)



- Red (100%)
- Yellow (29%)
- Blue (78%)



- Cyan (0%)
- Magenta (71%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 142.0700, 67.1550, 77.0350 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 142.0700, 67.1550, 77.0350 by changing the saturation by 10% instead.



142.0700, 67.1550,  
77.0350

142.0700, 67.1550,  
77.0350

255.0000, -0.0000,  
-0.0000

106.8300, 68.0710,  
82.4630

185.1470, 32.7250,  
62.2370

74.2370, 68.4830,  
86.0110

202.7570, 24.4750,  
46.5470

62.3030, 58.9490,  
71.5650

220.3670, 16.2250,  
30.8570

50.7820, 49.6900,  
57.6420

237.9770, 7.9750,  
15.1670

39.3750, 40.1100,  
44.0300

28.3810, 30.8050,  
30.9410

17.3160, 20.2620,

18.2620

■ 0.0000, 0.0000,  
0.0000

■ 142.0700, 67.1550,  
77.0350

■ 142.0700, 67.1550,  
77.0350

■ 126.4830, 76.5980,  
87.6220

■ 157.6570, 57.7120,  
66.4480

■ 110.4230, 85.9950,  
99.0430


■ 173.8310, 47.9940,  
55.3380


■ 96.0100, 94.8880,  
108.5840

■ 189.3040, 38.8720,  
44.4400

■ 205.4780, 29.1540,  
33.3300

■ 221.0650, 19.7110,  
22.7430

 236.6520, 10.2680,  
12.1560

 252.7120, 0.8710,  
0.7350

254.7010, -0.5960,  
-0.2120

# Harmonies

## Analogous

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



151.8790, -4.6870, 57.4330



142.0700, 67.1550, 77.0350



124.6550, 95.5840, 62.9120

# Triad

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



142.0700, 67.1550, 77.0350



137.0420, 50.6260, -47.4700



132.8890, -127.5490, -17.7330

# Complementary

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



142.0700, 67.1550, 77.0350



185.9300, -67.1550, -77.0350

# 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.



126.1970, -105.9500, -40.2380



142.0700, 67.1550, 77.0350



120.5350, -5.9470, -73.9710

# Square

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



142.0700, 67.1550, 77.0350



140.0190, 94.1320, -20.9400



115.6580, -80.4080, -62.6160



128.8600, -128.6050, -9.6050



# Rectangle

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



142.0700, 67.1550, 77.0350



131.0370, 105.1710, 37.8350



115.6580, -80.4080, -62.6160



131.6690, -121.3580, -25.3100

# Sweetspot

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



142.0700, 67.1550, 77.0350



221.4780, 19.9860, 23.2660



110.6660, -25.5960, 67.4280



108.0760, 12.0100, 13.6260



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.



142.0700, 67.1550, 77.0350



120.0970, 80.8610, 92.9650



131.9240, 95.7240, 49.3560



119.9130, 4.8590, 5.5550



72.2710, 71.1430, 81.8550



24.1520, 24.0200, 27.2520



# Inverse Universe

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



142.0700, 67.1550, 77.0350



120.0970, 80.8610, 92.9650



196.0760, -95.7240, -49.3560



119.9130, 4.8590, 5.5550



72.2710, 71.1430, 81.8550



24.1520, 24.0200, 27.2520



# Previews

## White Background



This preview shows how the YIQ color 142.0700, 67.1550, 77.0350 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

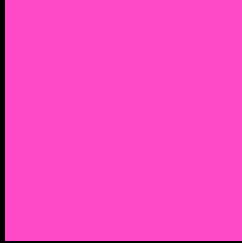
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 142.0700, 67.1550, 77.0350 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 142.0700, 67.1550, 77.0350

## Background



This preview shows how black text looks on a background with the YIQ color 142.0700, 67.1550, 77.0350.



This preview shows how white text looks on a background with the YIQ color 142.0700, 67.1550,



# 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

142.0700, 67.1550, 77.0350

### Protanopia

145.2700, -61.2130, 24.5710

### Deuteranopia

150.0050, -15.5910, 12.7370



## Tritanopia

145.0390, 84.4940, 32.6060

# Trichromacy



## Original Color

142.0700, 67.1550, 77.0350



## Protanomaly

144.1730, -14.8630, 43.6090



## Deuteranomaly

147.1590, 14.1150, 36.0590



## Tritanomaly

143.8280, 78.4390, 48.7350

# Monochromacy



## Original Color

142.0700, 67.1550, 77.0350



## Achromatopsia

142.0000, -0.0000, -0.0000



## Achromatomaly

141.9780, 24.5700, 28.2980

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 142.0700, 67.1550, 77.0350 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(254, 74, 199)` looks like.

```
.text, #text, p{  
    color:rgb(254, 74, 199)  
}
```

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(254, 74, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 74, 199) }
```

## Border

The CSS property to change the border of an element to YIQ 142.0700, 67.1550, 77.0350 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(254, 74, 199) }
```



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

```
.border{ border-color:rgb(254, 74, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 74, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 74, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 74, 199);  
box-shadow:4px 4px 4px 4px rgb(254, 74,  
199) }
```

# Background

The CSS property to change the background color of an element to YIQ 142.0700, 67.1550, 77.0350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 74, 199) }
```

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

```
.background{ background-color: rgb(254, 74,  
199) }
```

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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