

# Converting Colors

YIQ(142.2720, 69.4020, 74.8580)

Have a look what the booklet for  
YIQ(142.2720, 69.4020, 74.8580)  
contains.

<b>YIQ(142.2720, 69.4020, 74.8580)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(142.2720, 69.4020,  
74.8580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4BC1
RGB	255, 75, 193
RGB Percent	100%, 29%, 76%
CMY	0.0000, 0.7061, 0.2430
CMYK	0.00, 0.71, 0.24, 0.00
HSL	321°, 100%, 65%
HSV	321°, 71%, 100%
XYZ	53.3818, 30.1343, 53.4825
YIQ	142.2720, 69.4020, 74.8580

# Conversions

## Conversions Part 2

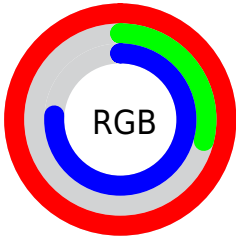
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 75, 193
Decimal	16731073
CIE <sub>Lab</sub>	61.77, 77.31, -23.72
CIE <sub>LCh</sub>	62, 80.870, 342.946
Yxy	30.1343, 0.3897, 0.2200
Android (android.graphics.Color)	4294921153 (0xFFFF4BC1)
YUV	142.2720, 25.0089, 98.8625
Hunter-Lab	54.8947, 77.5149, -19.3384

# Details

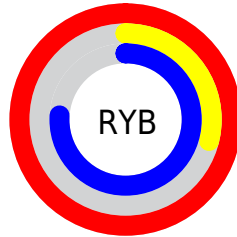
The YIQ color **142.2720, 69.4020, 74.8580** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed magenta. A complement of this color would be **187.7280, -69.4020, -74.8580**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.1640, 34.0550, 60.1590**, and **73.8520, 71.0050, 84.3570** is the 20% darker color. If you saturate the color by 10%, you get **125.9840, 79.4410, 85.6570**, and if you desaturate by 10%, it is **157.9730, 59.6380, 64.5820**.

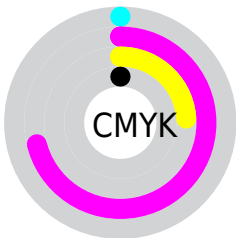
# Distribution



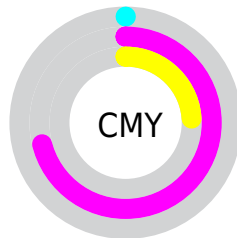
- Red (100%)
- Green (29%)
- Blue (76%)



- Red (100%)
- Yellow (29%)
- Blue (76%)



- Cyan (0%)
- Magenta (71%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (71%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 142.2720, 69.4020, 74.8580 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 142.2720, 69.4020, 74.8580 by changing the saturation by 10% instead.





 142.2720, 69.4020,  
74.8580


 142.2720, 69.4020,  
74.8580


255.0000, -0.0000,  
-0.0000


 107.6190, 70.0430,  
79.7630


 185.1640, 34.0550,  
60.1590

 73.8520, 71.0050,  
84.3570


 203.3440, 24.2000,  
46.0240


 62.0320, 61.1500,  
70.2220

 220.3670, 16.2250,  
30.8570

 50.5110, 51.8910,  
56.2990

 237.9770, 7.9750,  
15.1670

 38.8050, 41.7150,  
42.4750

 28.2240, 32.6850,  
29.9090

 17.0450, 22.4630,

16.9190

■ 0.0000, 0.0000,  
0.0000

■ 142.2720, 69.4020,  
74.8580

■ 142.2720, 69.4020,  
74.8580

■ 125.9840, 79.4410,  
85.6570

■ 157.9730, 59.6380,  
64.5820

■ 110.3970, 88.8840,  
96.2440

■ 174.2610, 49.5990,  
53.7830

■ 95.2830, 98.3730,  
105.9970

■ 189.8480, 40.1560,  
43.1960

■ 206.1360, 30.1170,  
32.3970

■ 221.8370, 20.3530,  
22.1210

■ 238.1250, 10.3140,  
11.3220

■ 253.7120, 0.8710,  
0.7350

■ 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.



152.7980, 0.0350, 59.9630



142.2720, 69.4020, 74.8580



127.7210, 95.2180, 58.5300

# Triad

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



142.2720, 69.4020, 74.8580



136.7210, 47.0960, -49.5760



133.1170, -128.1910, -17.1110

# Complementary

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



142.2720, 69.4020, 74.8580



187.7280, -69.4020, -74.8580

# 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.



126.6530, -107.2340, -38.9940



142.2720, 69.4020, 74.8580



121.7220, -16.5390, -69.2350

# Square

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



142.2720, 69.4020, 74.8580



140.5840, 90.9230, -23.3570



116.3420, -82.3340, -60.7500



128.2730, -128.3300, -9.0820



# Rectangle

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



142.2720, 69.4020, 74.8580



133.6300, 104.7590, 34.2870



116.3420, -82.3340, -60.7500



131.4240, -122.0460, -23.8540

# Sweetspot

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



142.2720, 69.4020, 74.8580



221.2500, 20.6280, 22.6440



113.4600, -22.0200, 68.7000



107.9620, 12.3310, 13.3150



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.



142.2720, 69.4020, 74.8580



119.0710, 83.7500, 90.1660



132.2400, 97.6500, 47.4900



119.7990, 5.1800, 5.2440



71.3590, 73.7110, 79.3670



23.9240, 24.6620, 26.6300



# Inverse Universe

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



142.2720, 69.4020, 74.8580



119.0710, 83.7500, 90.1660



197.7600, -97.6500, -47.4900



119.7990, 5.1800, 5.2440



71.3590, 73.7110, 79.3670



23.9240, 24.6620, 26.6300



# Previews

## White Background



This preview shows how the YIQ color 142.2720, 69.4020, 74.8580 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

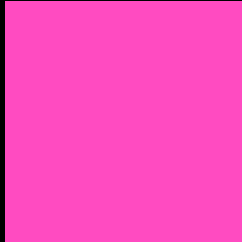
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 142.2720, 69.4020, 74.8580 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 142.2720, 69.4020, 74.8580

## Background



This preview shows how black text looks on a background with the YIQ color 142.2720, 69.4020, 74.8580.



This preview shows how white text looks on a background with the YIQ color 142.2720, 69.4020,



# 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

142.2720, 69.4020, 74.8580

### Protanopia

146.2660, -55.3900, 23.6660

### Deuteranopia

150.5170, -11.2810, 11.7190



## Tritanopia

144.9360, 86.2820, 33.2420

# Trichromacy



## Original Color

142.2720, 69.4020, 74.8580



## Protanomaly

144.5710, -10.2320, 42.2800



## Deuteranomaly

147.3720, 17.8290, 34.8290



## Tritanomaly

144.1980, 80.2730, 48.5370

# Monochromacy



## Original Color

142.2720, 69.4020, 74.8580



## Achromatopsia

142.0000, -0.0000, -0.0000



## Achromatomaly

142.3370, 24.9370, 27.1530

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 142.2720, 69.4020, 74.8580 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, 75, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 193)  
}
```

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, 75, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 193) }
```

## Border

The CSS property to change the border of an element to YIQ 142.2720, 69.4020, 74.8580 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, 75, 193) }
```



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

```
.border{ border-color:rgb(255, 75, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 75, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 75, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 75, 193); box-shadow:4px 4px 4px 4px rgb(255, 75, 193) }
```

# Background

The CSS property to change the background color of an element to YIQ 142.2720, 69.4020, 74.8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 193) }
```

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

```
.background{ background-color: rgb(255, 75,  
193) }
```

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