

Converting Colors

YIQ(148.0400, 58.6720, 82.0960)

Have a look what the booklet for
YIQ(148.0400, 58.6720, 82.0960)
contains.

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Color

**YIQ(148.0400, 58.6720,
82.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4FDF
RGB	255, 79, 223
RGB Percent	100%, 31%, 87%
CMY	0.0000, 0.6904, 0.1254
CMYK	0.00, 0.69, 0.13, 0.00
HSL	311°, 100%, 65%
HSV	311°, 69%, 100%
XYZ	57.3541, 32.1707, 73.0206
YIQ	148.0400, 58.6720, 82.0960

Conversions

Conversions Part 2

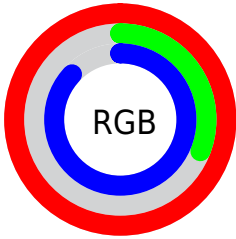
Format	Color
R _Y B	255, 79, 223
Decimal	16732127
CIE Lab	63.48, 79.92, -38.02
CIE LCh	63, 88.499, 334.557
Yxy	32.1707, 0.3528, 0.1979
Android (android.graphics.Color)	4294922207 (0xFFFF4FDF)
YUV	148.0400, 36.9553, 93.8039
Hunter-Lab	56.7193, 81.2393, -36.6267

Details

The YIQ color **148.0400, 58.6720, 82.0960** 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 **185.9600, -58.6720, -82.0960**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0820, 31.3500, 59.6220**, and **77.0440, 62.0170, 93.0650** is the 20% darker color. If you saturate the color by 10%, you get **132.2080, 67.4270, 94.1390**, and if you desaturate by 10%, it is **163.2850, 50.1920, 70.5760**.

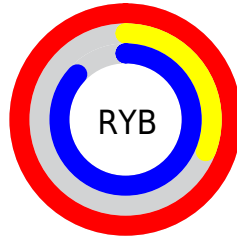
Distribution



Red (100%)

Green (31%)

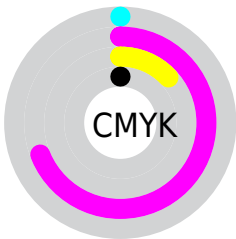
Blue (87%)



Red (100%)

Yellow (31%)

Blue (87%)

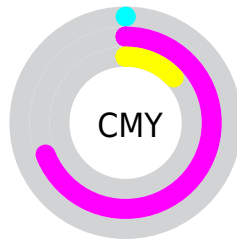


Cyan (0%)

Magenta (69%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.0400, 58.6720, 82.0960 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 148.0400, 58.6720, 82.0960 by changing the saturation by 10% instead.


 148.0400, 58.6720,
82.0960


 148.0400, 58.6720,
82.0960


255.0000, -0.0000,
-0.0000


 113.8600, 59.3590,
86.1670


 188.0820, 31.3500,
59.6220


 77.0440, 62.0170,
93.0650


 205.6920, 23.1000,
43.9320


 65.4090, 53.0790,
78.8310

 222.7150, 15.1250,
28.7650

 53.4750, 43.5450,
64.3850

 240.9120, 6.6000,
12.5520

 42.2530, 34.8820,
50.6740

 31.1450, 25.8980,
37.2740

 20.1510, 16.5930,

24.1850

■ 5.8680, 0.7320,
8.7640

■ 0.0000, 0.0000,
0.0000

■ 148.0400, 58.6720,
82.0960

■ 148.0400, 58.6720,
82.0960

■ 132.2080, 67.4270,
94.1390

■ 163.2850, 50.1920,
70.5760

■ 117.0770, 75.5860,
105.9700

■ 179.0030, 41.7580,
58.2220

■ 101.2450, 84.3410,
118.0130

■ 194.2480, 33.2780,
46.7020

■ 100.0710, 84.8910,
119.0590

■ 210.0800, 24.5230,
34.6590

■ 225.2110, 16.3640,
22.8280

■ 241.0430, 7.6090,
10.7850

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.



152.0680, -18.7610, 48.1750



148.0400, 58.6720, 82.0960



119.1900, 93.0600, 75.6200

Triad

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



148.0400, 58.6720, 82.0960



143.3100, 61.6750, -43.9650



137.3570, -129.1070, -22.5390

Complementary

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



148.0400, 58.6720, 82.0960



185.9600, -58.6720, -82.0960

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.



128.4650, -104.0690, -46.7970



148.0400, 58.6720, 82.0960



129.3470, 6.3860, -71.7100

Square

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



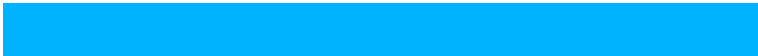
148.0400, 58.6720, 82.0960



143.3630, 108.0230, -13.8730



116.6550, -76.3260, -70.5180



134.1430, -131.0800, -14.3120

Rectangle

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



148.0400, 58.6720, 82.0960



124.5290, 104.2060, 49.8220



116.6550, -76.3260, -70.5180



135.2080, -121.6780, -30.5260

Sweetspot

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



148.0400, 58.6720, 82.0960



222.1620, 18.0600, 25.1320



107.7350, -39.2120, 60.8840



108.5320, 10.7260, 14.8700



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.



148.0400, 58.6720, 82.0960



126.2240, 70.4980, 99.0580



138.3500, 85.9570, 55.6610



120.0270, 4.5380, 5.8660



75.0070, 63.4390, 89.3190



25.0640, 21.4520, 29.7400

Inverse Universe

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



148.0400, 58.6720, 82.0960



126.2240, 70.4980, 99.0580



195.6500, -85.9570, -55.6610



120.0270, 4.5380, 5.8660



75.0070, 63.4390, 89.3190



25.0640, 21.4520, 29.7400

Previews

White Background



This preview shows how the YIQ color 148.0400, 58.6720, 82.0960 looks on a white background.

Color Contrast Check

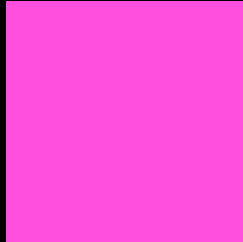
Large Text (above 18pt) WCAG AA × Fail

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 148.0400, 58.6720, 82.0960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

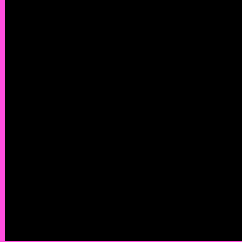
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 148.0400, 58.6720, 82.0960

Background



This preview shows how black text looks on a background with the YIQ color 148.0400, 58.6720, 82.0960.



This preview shows how white text looks on a background with the YIQ color 148.0400, 58.6720,

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

148.0400, 58.6720, 82.0960

Protanopia

150.5970, -57.8200, 23.6520

Deuteranopia

153.7570, -29.3920, 15.0560



Tritanopia

151.8640, 77.6170, 30.5850

Trichromacy



Original Color

148.0400, 58.6720, 82.0960



Protanomaly

149.8140, -15.2300, 44.7540



Deuteranomaly

151.5200, 2.9730, 39.7490



Tritanomaly

150.3480, 71.1030, 49.5270

Monochromacy



Original Color

148.0400, 58.6720, 82.0960



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

148.0640, 21.4520, 29.7400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.0400, 58.6720, 82.0960 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, 79, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 223)  
}
```

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, 79, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 223) }
```

Border

The CSS property to change the border of an element to YIQ 148.0400, 58.6720, 82.0960 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, 79, 223) }
```


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

```
.border{ border-color:rgb(255, 79, 223) }
```

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

Here you see how a box with a 4 pixel rgb(255, 79, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 148.0400, 58.6720, 82.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 223) }
```

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

```
.background{ background-color: rgb(255, 79,  
223) }
```

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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