

Converting Colors

YIQ(142.6280, 56.6560, 74.5760)

Have a look what the booklet for
YIQ(142.6280, 56.6560, 74.5760)
contains.

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Color

**YIQ(142.6280, 56.6560,
74.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	F34FCF
RGB	243, 79, 207
RGB Percent	95%, 31%, 81%
CMY	0.0466, 0.6904, 0.1881
CMYK	0.00, 0.68, 0.15, 0.05
HSL	313°, 87%, 63%
HSV	313°, 68%, 95%
XYZ	51.0610, 29.1646, 61.9902
YIQ	142.6280, 56.6560, 74.5760

Conversions

Conversions Part 2

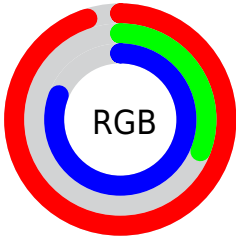
Format	Color
R _Y B	243, 79, 207
Decimal	15945679
CIE Lab	60.93, 74.88, -33.13
CIE LCh	61, 81.883, 336.134
Yxy	29.1646, 0.3590, 0.2051
Android (android.graphics.Color)	4294135759 (0xFFFF34FCF)
YUV	142.6280, 31.7354, 88.0262
Hunter-Lab	54.0043, 74.2639, -30.2545

Details

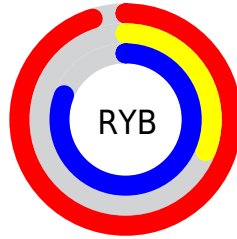
The YIQ color **142.6280, 56.6560, 74.5760** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **179.3720, -56.6560, -74.5760**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.9080, 31.9000, 60.6680**, and **72.0450, 60.2760, 86.0680** is the 20% darker color. If you saturate the color by 10%, you get **127.9700, 64.8610, 85.5730**, and if you desaturate by 10%, it is **157.2860, 48.4510, 63.5790**.

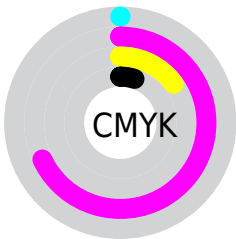
Distribution



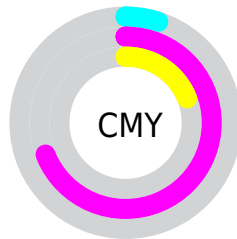
- Red (95%)
- Green (31%)
- Blue (81%)



- Red (95%)
- Yellow (31%)
- Blue (81%)



- Cyan (0%)
- Magenta (68%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (69%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.6280, 56.6560, 74.5760 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 142.6280, 56.6560, 74.5760 by changing the saturation by 10% instead.

142.6280, 56.6560,
74.5760

142.6280, 56.6560,
74.5760

255.0000, -0.0000,
-0.0000

109.9210, 57.3890,
77.8130

186.9080, 31.9000,
60.6680

72.0450, 60.2760,
86.0680

204.5180, 23.6500,
44.9780

60.4100, 51.3380,
71.8340

221.5410, 15.6750,
29.8110

48.8890, 42.0790,
57.9110

239.1510, 7.4250,
14.1210

37.3680, 32.8200,
43.9880

26.9720, 24.7070,
31.3230

15.7930, 14.4850,

18.3330

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 142.6280, 56.6560,
74.5760

■ 142.6280, 56.6560,
74.5760

■ 127.9700, 64.8610,
85.5730

■ 157.2860, 48.4510,
63.5790

■ 112.6110, 73.6620,
96.7820

■ 172.6450, 39.6500,
52.3700

■ 97.9530, 81.8670,
107.7790

■ 187.3030, 31.4450,
41.3730

■ 94.3170, 83.8380,
110.6060

■ 201.9610, 23.2400,
30.3760

217.3200, 14.4390,
19.1670

231.9780, 6.2340,
8.1700

246.6360, -1.9710,
-2.8270

250.8420, -5.5470,
-4.0990

251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



148.5460, -17.1110, 51.3130



142.6280, 56.6560, 74.5760



123.9200, 93.5200, 67.2800

Triad

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



142.6280, 56.6560, 74.5760



136.4990, 56.7690, -43.1590



130.8200, -123.1010, -21.2530

Complementary

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



142.6280, 56.6560, 74.5760



179.3720, -56.6560, -74.5760

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.



122.7260, -100.3100, -43.3340



142.6280, 56.6560, 74.5760



123.1560, 5.6060, -68.5860

Square

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



142.6280, 56.6560, 74.5760



137.4050, 99.0370, -16.2190



112.3010, -75.0890, -65.4010



128.8600, -128.6050, -9.6050

Rectangle

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



142.6280, 56.6560, 74.5760



127.9540, 104.2070, 44.2950



112.3010, -75.0890, -65.4010



128.3120, -116.0390, -28.0950

Sweetspot

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



142.6280, 56.6560, 74.5760



223.8090, 17.5560, 23.2520



108.4600, -31.1880, 58.6360



109.0050, 10.7720, 14.0360



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.



142.6280, 56.6560, 74.5760



128.3610, 71.3700, 94.2660



133.2800, 82.9780, 49.0740



114.7280, 3.9420, 5.6540



72.1440, 64.3110, 84.5270



22.8850, 20.3980, 26.8140

Inverse Universe

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



142.6280, 56.6560, 74.5760



128.3610, 71.3700, 94.2660



188.7200, -82.9780, -49.0740



114.7280, 3.9420, 5.6540



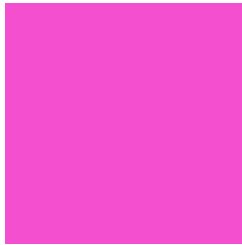
72.1440, 64.3110, 84.5270



22.8850, 20.3980, 26.8140

Previews

White Background



This preview shows how the YIQ color 142.6280, 56.6560, 74.5760 looks on a white background.

Color Contrast Check

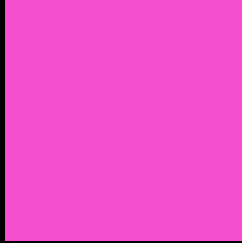
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.6280, 56.6560, 74.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

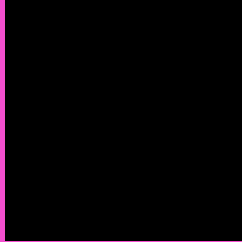
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.6280, 56.6560, 74.5760

Background



This preview shows how black text looks on a background with the YIQ color 142.6280, 56.6560, 74.5760.



This preview shows how white text looks on a background with the YIQ color 142.6280, 56.6560,

74.5760.

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

142.6280, 56.6560, 74.5760

Protanopia

142.9000, -63.0470, 24.7690

Deuteranopia

147.6390, -23.2480, 13.8400



Tritanopia

145.0700, 74.0410, 29.3130

Trichromacy



Original Color

142.6280, 56.6560, 74.5760



Protanomaly

142.7210, -19.4020, 43.2700



Deuteranomaly

145.9670, 5.9080, 36.1160



Tritanomaly

143.9730, 67.6650, 45.7530

Monochromacy



Original Color

142.6280, 56.6560, 74.5760



Achromatopsia

143.0000, -0.0000, 0.0000



Achromatomaly

142.8850, 20.3980, 26.8140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.6280, 56.6560, 74.5760 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(243, 79, 207)` looks like.

```
.text, #text, p{  
    color:rgb(243, 79, 207)  
}
```

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(243, 79, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 79, 207) }
```

Border

The CSS property to change the border of an element to YIQ 142.6280, 56.6560, 74.5760 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(243, 79, 207) }
```


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

```
.border{ border-color:rgb(243, 79, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 79, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 79, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 79, 207);  
box-shadow:4px 4px 4px 4px rgb(243, 79,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 142.6280, 56.6560, 74.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 79, 207) }
```

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

```
.background{ background-color: rgb(243, 79,  
207) }
```

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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