

Converting Colors

YIQ(136.3560, 77.7930, 71.4650)

Have a look what the booklet for
YIQ(136.3560, 77.7930, 71.4650)
contains.

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Color

**YIQ(136.3560, 77.7930,
71.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	FF45AC
RGB	255, 69, 172
RGB Percent	100%, 27%, 67%
CMY	0.0000, 0.7297, 0.3253
CMYK	0.00, 0.73, 0.33, 0.00
HSL	327°, 100%, 64%
HSV	327°, 73%, 100%
XYZ	50.8153, 28.4875, 41.8795
YIQ	136.3560, 77.7930, 71.4650

Conversions

Conversions Part 2

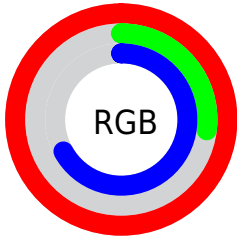
Format	Color
RYB	255, 69, 172
Decimal	16729516
CIELab	60.33, 76.82, -13.85
CIElCh	60, 78.054, 349.778
Yxy	28.4875, 0.4193, 0.2351
Android (android.graphics.Color)	4294919596 (0xFFFF45AC)
YUV	136.3560, 17.5725, 104.0508
Hunter-Lab	53.3737, 76.5402, -9.1602

Details

The YIQ color **136.3560, 77.7930, 71.4650** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **187.6440, -77.7930, -71.4650**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6070, 42.8130, 55.6210**, and **71.3870, 76.5080, 78.2360** is the 20% darker color. If you saturate the color by 10%, you get **119.8400, 88.4740, 81.6420**, and if you desaturate by 10%, it is **152.2850, 67.3870, 61.8110**.

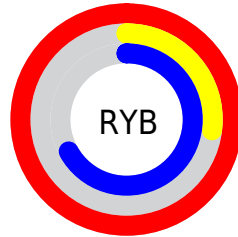
Distribution



Red (100%)

Green (27%)

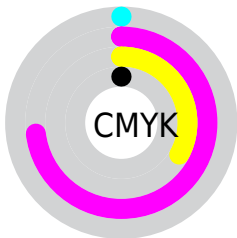
Blue (67%)



Red (100%)

Yellow (27%)

Blue (67%)

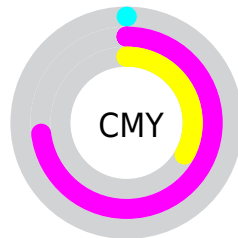


Cyan (0%)

Magenta (73%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.3560, 77.7930, 71.4650 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 136.3560, 77.7930, 71.4650 by changing the saturation by 10% instead.


 136.3560, 77.7930,
71.4650


 136.3560, 77.7930,
71.4650


255.0000, -0.0000,
-0.0000


 99.3550, 79.5340,
78.4620


 179.6070, 42.8130,
55.6210

 71.3870, 76.5080,
78.2360


 200.4090, 25.5750,
48.6390

 59.5670, 66.6530,
64.1010


 217.4320, 17.6000,
33.4720

 47.8610, 56.4770,
50.2770

 235.0420, 9.3500,
17.7820

 36.6820, 46.2550,
37.2870

 253.2390, 0.8250,
1.5690

 25.9160, 36.3080,
24.8200

 13.9820, 26.7740,

10.3740

■ 0.0000, 0.0000,
0.0000

■ 136.3560, 77.7930,
71.4650

■ 136.3560, 77.7930,
71.4650

■ 119.8400, 88.4740,
81.6420

■ 152.2850, 67.3870,
61.8110

■ 103.7970, 99.2010,
90.9850

■ 168.9150, 56.3850,
51.9450

■ 92.3190, 106.7190,
97.9110

■ 184.8440, 45.9790,
42.2910

■ 201.4740, 34.9770,
32.4250

■ 217.4030, 24.5710,
22.7710

233.9190, 13.8900,
12.5940

249.9620, 3.1630,
3.2510

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.



147.9480, 17.2280, 62.2520



136.3560, 77.7930, 71.4650



129.0770, 99.6670, 49.4830

Triad

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



136.3560, 77.7930, 71.4650



131.0400, 35.7720, -53.6040



129.4640, -127.5500, -12.2060

Complementary

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



136.3560, 77.7930, 71.4650



187.6440, -77.7930, -71.4650

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.



124.9720, -109.3900, -32.9580



136.3560, 77.7930, 71.4650



110.1390, -48.4500, -69.1060

Square

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



136.3560, 77.7930, 71.4650



136.9630, 79.3700, -28.7420



115.7040, -86.0490, -53.9930



123.5770, -126.1300, -4.8980

Rectangle

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



136.3560, 77.7930, 71.4650



135.6050, 105.9070, 24.4910



115.7040, -86.0490, -53.9930



128.5860, -122.3220, -18.8500

Sweetspot

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



136.3560, 77.7930, 71.4650



219.2780, 23.4250, 21.5130



114.4230, -11.4300, 75.0180



106.3320, 14.1650, 13.1170



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.



136.3560, 77.7930, 71.4650



112.1120, 93.7000, 86.0520



125.9820, 107.0040, 43.1640



119.6850, 5.5010, 4.9330



69.1930, 79.8100, 73.4580



23.1260, 26.9090, 24.4530

Inverse Universe

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



136.3560, 77.7930, 71.4650



112.1120, 93.7000, 86.0520



198.0180, -107.0040, -43.1640



119.6850, 5.5010, 4.9330



69.1930, 79.8100, 73.4580



23.1260, 26.9090, 24.4530

Previews

White Background



This preview shows how the YIQ color 136.3560, 77.7930, 71.4650 looks on a white background.

Color Contrast Check

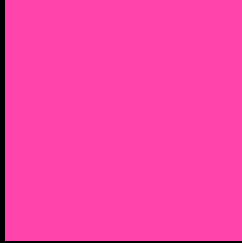
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.3560, 77.7930, 71.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

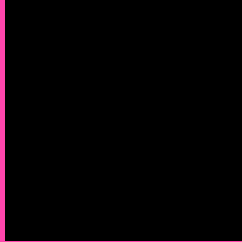
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.3560, 77.7930, 71.4650

Background



This preview shows how black text looks on a background with the YIQ color 136.3560, 77.7930, 71.4650.



This preview shows how white text looks on a background with the YIQ color 136.3560, 77.7930,

71.4650.

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

136.3560, 77.7930, 71.4650

Protanopia

144.4600, -41.4970, 19.6790

Deuteranopia

147.2700, -0.4600, 8.3400



Tritanopia

138.2250, 92.8380, 35.5740

Trichromacy



Original Color

136.3560, 77.7930, 71.4650



Protanomaly

141.3950, 1.8270, 38.4910



Deuteranomaly

142.9400, 27.7330, 31.5490



Tritanomaly

137.3190, 87.2420, 48.8900

Monochromacy



Original Color

136.3560, 77.7930, 71.4650



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

136.2510, 28.0550, 25.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.3560, 77.7930, 71.4650 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, 69, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 172)  
}
```

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, 69, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 172) }
```

Border

The CSS property to change the border of an element to YIQ 136.3560, 77.7930, 71.4650 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, 69, 172) }
```


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

```
.border{ border-color:rgb(255, 69, 172) }
```

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

Here you see how a box with a 4 pixel rgb(255, 69, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 136.3560, 77.7930, 71.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 172) }
```

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

```
.background{ background-color: rgb(255, 69,  
172) }
```

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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