

Converting Colors

YIQ(137.8110, 69.0820, 69.6420)

Have a look what the booklet for
YIQ(137.8110, 69.0820, 69.6420)
contains.

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Color

**YIQ(137.8110, 69.0820,
69.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	F74AB4
RGB	247, 74, 180
RGB Percent	97%, 29%, 71%
CMY	0.0309, 0.7100, 0.2939
CMYK	0.00, 0.70, 0.27, 0.03
HSL	323°, 92%, 63%
HSV	323°, 70%, 97%
XYZ	49.0879, 27.9815, 46.0199
YIQ	137.8110, 69.0820, 69.6420

Conversions

Conversions Part 2

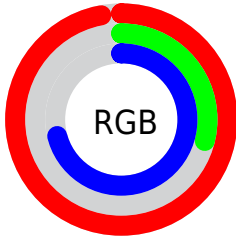
Format	Color
RYB	247, 74, 180
Decimal	16206516
CIELab	59.87, 74.12, -19.28
CIElCh	60, 76.589, 345.421
Yxy	27.9815, 0.3988, 0.2273
Android (android.graphics.Color)	4294396596 (0xFFFF74AB4)
YUV	137.8110, 20.7992, 95.7588
Hunter-Lab	52.8975, 73.0739, -14.5530

Details

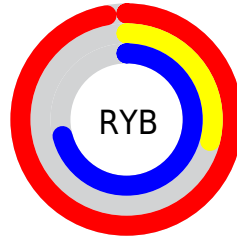
The YIQ color **137.8110, 69.0820, 69.6420** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **183.1890, -69.0820, -69.6420**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.3940, 39.0990, 56.8510**, and **70.0920, 70.0890, 78.9290** is the 20% darker color. If you saturate the color by 10%, you get **121.9960, 79.1670, 79.6070**, and if you desaturate by 10%, it is **153.6260, 58.9970, 59.6770**.

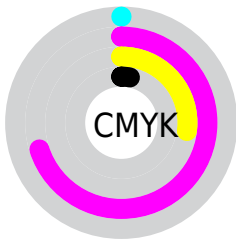
Distribution



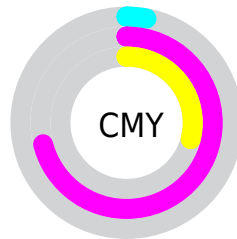
- Red (97%)
- Green (29%)
- Blue (71%)



- Red (97%)
- Yellow (29%)
- Blue (71%)



- Cyan (0%)
- Magenta (70%)
- Yellow (27%)
- Black (3%)



- Cyan (3%)
- Magenta (71%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.8110, 69.0820, 69.6420 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 137.8110, 69.0820, 69.6420 by changing the saturation by 10% instead.

137.8110, 69.0820,
69.6420

137.8110, 69.0820,
69.6420

255.0000, -0.0000,
-0.0000

104.0440, 70.0440,
74.2360

182.3940, 39.0990,
56.8510

70.0920, 70.0890,
78.9290

201.5830, 25.0250,
47.5930

58.5710, 60.8300,
65.0060

219.1930, 16.7750,
31.9030

46.8650, 50.6540,
51.1820

236.8030, 8.5250,
16.2130

35.5720, 40.7530,
37.8810

254.4130, 0.2750,
0.5230

25.4040, 31.9980,
25.8380

13.2420, 23.1060,

10.7700

■ 0.0000, 0.0000,
0.0000

■ 137.8110, 69.0820,
69.6420

■ 137.8110, 69.0820,
69.6420

■ 121.9960, 79.1670,
79.6070

■ 153.6260, 58.9970,
59.6770

■ 106.8820, 88.6560,
89.3600


■ 168.7400, 49.5080,
49.9240

■ 91.0670, 98.7410,
99.3250


■ 184.5550, 39.4230,
39.9590

■ 200.2560, 29.6590,
29.6830

■ 215.4840, 19.8490,
20.2410

 231.1850, 10.0850,
9.9650

 247.0000, -0.0000,
-0.0000

 252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



147.5660, 6.5000, 58.4360



137.8110, 69.0820, 69.6420



129.0430, 97.0070, 53.6390

Triad

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



137.8110, 69.0820, 69.6420



131.3830, 42.2360, -49.6040



128.3240, -124.3400, -15.3160

Complementary

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



137.8110, 69.0820, 69.6420



183.1890, -69.0820, -69.6420

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.



122.4300, -104.9880, -35.6440



137.8110, 69.0820, 69.6420



117.1050, -24.7470, -63.6510

Square

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



137.8110, 69.0820, 69.6420



135.8220, 84.3210, -24.8550



113.2760, -81.9680, -56.3680



123.5770, -126.1300, -4.8980

Rectangle

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



137.8110, 69.0820, 69.6420



134.1090, 104.6680, 30.4280



113.2760, -81.9680, -56.3680



126.7450, -118.5160, -21.7480

Sweetspot

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



137.8110, 69.0820, 69.6420



220.9080, 21.5910, 21.7110



113.4560, -16.1970, 67.7950



107.7340, 12.9730, 12.6930



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.



137.8110, 69.0820, 69.6420



119.9200, 85.4930, 86.1090



128.0070, 96.6880, 42.8960



114.5000, 4.5840, 5.0320



68.6100, 74.2620, 74.8860



21.7450, 23.6080, 23.7040

Inverse Universe

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



137.8110, 69.0820, 69.6420



119.9200, 85.4930, 86.1090



192.9930, -96.6880, -42.8960



114.5000, 4.5840, 5.0320



68.6100, 74.2620, 74.8860



21.7450, 23.6080, 23.7040

Previews

White Background



This preview shows how the YIQ color 137.8110, 69.0820, 69.6420 looks on a white background.

Color Contrast Check

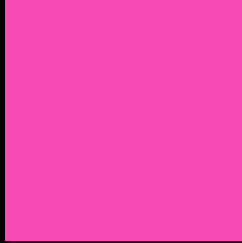
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8110, 69.0820, 69.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

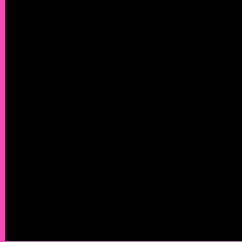
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.8110, 69.0820, 69.6420

Background



This preview shows how black text looks on a background with the YIQ color 137.8110, 69.0820, 69.6420.



This preview shows how white text looks on a background with the YIQ color 137.8110, 69.0820,

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

137.8110, 69.0820, 69.6420

Protanopia

142.7630, -46.7240, 20.7960

Deuteranopia

145.9150, -6.6500, 10.3900



Tritanopia

140.0390, 84.4940, 32.6060

Trichromacy



Original Color

137.8110, 69.0820, 69.6420



Protanomaly

140.6870, -4.8670, 38.6610



Deuteranomaly

143.2320, 21.0390, 31.7190



Tritanomaly

139.1330, 78.8980, 45.9220

Monochromacy



Original Color

137.8110, 69.0820, 69.6420



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

138.1690, 25.3500, 25.1740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8110, 69.0820, 69.6420 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(247, 74, 180)` looks like.

```
.text, #text, p{  
    color:rgb(247, 74, 180)  
}
```

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(247, 74, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 74, 180) }
```

Border

The CSS property to change the border of an element to YIQ 137.8110, 69.0820, 69.6420 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(247, 74, 180) }
```


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

```
.border{ border-color:rgb(247, 74, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 74, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 74, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 74, 180); box-shadow:4px 4px 4px 4px rgb(247, 74, 180) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8110, 69.0820, 69.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 74, 180) }
```

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

```
.background{ background-color: rgb(247, 74,  
180) }
```

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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