

Converting Colors

YIQ(112.3610, 79.3970, 75.4370)

Have a look what the booklet for
YIQ(112.3610, 79.3970, 75.4370)
contains.

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Color

**YIQ(112.3610, 79.3970,
75.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	EB2A99
RGB	235, 42, 153
RGB Percent	92%, 16%, 60%
CMY	0.0779, 0.8355, 0.3998
CMYK	0.00, 0.82, 0.35, 0.08
HSL	325°, 83%, 54%
HSV	325°, 82%, 92%
XYZ	40.8852, 21.6371, 32.1838
YIQ	112.3610, 79.3970, 75.4370

Conversions

Conversions Part 2

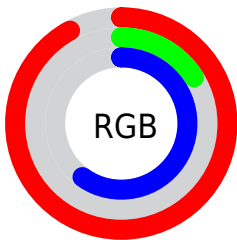
Format	Color
R_{YB}	235, 42, 153
Decimal	15411865
CIE _{Lab}	53.64, 77.27, -13.16
CIE _{LCh}	54, 78.378, 350.336
Yxy	21.6371, 0.4317, 0.2285
Android (android.graphics.Color)	4293601945 (0xFFEB2A99)
YUV	112.3610, 20.0350, 107.5544
Hunter-Lab	46.5157, 75.4905, -8.4612

Details

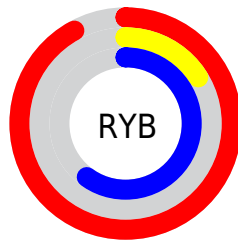
The YIQ color **112.3610, 79.3970, 75.4370** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **164.6390, -79.3970, -75.4370**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0000, 55.0080, 60.3840**, and **63.6540, 70.9620, 68.6100** is the 20% darker color. If you saturate the color by 10%, you get **97.1330, 89.2070, 84.8790**, and if you desaturate by 10%, it is **127.0020, 69.8620, 66.5180**.

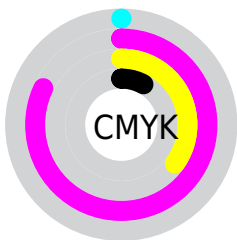
Distribution



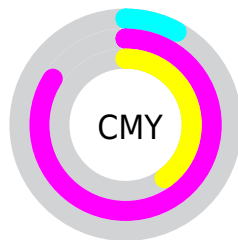
- Red (92%)
- Green (16%)
- Blue (60%)



- Red (92%)
- Yellow (16%)
- Blue (60%)



- Cyan (0%)
- Magenta (82%)
- Yellow (35%)
- Black (8%)





- Cyan (8%)
- Magenta (84%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.3610, 79.3970, 75.4370 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 112.3610, 79.3970, 75.4370 by changing the saturation by 10% instead.


 112.3610, 79.3970,
75.4370


 112.3610, 79.3970,
75.4370


255.0000, -0.0000,
-0.0000


 75.4740, 80.8170,
82.7450


 165.0000, 55.0080,
60.3840


 63.6540, 70.9620,
68.6100


 185.9160, 37.4490,
53.7130


 51.9480, 60.7860,
54.7860


 205.6920, 23.1000,
43.9320

 40.3560, 50.2890,
41.2730

 223.3020, 14.8500,
28.2420

 29.2910, 39.7460,
28.5940

 240.9120, 6.6000,
12.5520

 17.9550, 31.4040,
14.5720

 4.7840, 9.5360,

3.3920

■ 0.0000, 0.0000,
0.0000

■ 112.3610, 79.3970,
75.4370

■ 112.3610, 79.3970,
75.4370

■ 97.1330, 89.2070,
84.8790

■ 127.0020, 69.8620,
66.5180

■ 85.6550, 96.7250,
91.8050

■ 142.2300, 60.0520,
57.0760

■ 156.8710, 50.5170,
48.1570

■ 172.0990, 40.7070,
38.7150

■ 187.3270, 30.8970,
29.2730

201.9680, 21.3620,
20.3540

217.1960, 11.5520,
10.9120

231.8370, 2.0170,
1.9930

247.0650, -7.7930,
-7.4490

Harmonies

Analogous

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



129.2470, 17.8240, 62.4640



112.3610, 79.3970, 75.4370



108.8760, 104.8470, 54.7270

Triad

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



112.3610, 79.3970, 75.4370



115.0810, 28.5270, -48.9530



116.8460, -116.8220, -8.3900

Complementary

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



112.3610, 79.3970, 75.4370



164.6390, -79.3970, -75.4370

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.



111.9950, -99.0290, -27.9970



112.3610, 79.3970, 75.4370



91.1280, -49.9170, -70.0530

Square

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



112.3610, 79.3970, 75.4370



120.9930, 70.6580, -25.0380



103.3140, -75.9630, -49.5550



113.0110, -121.1800, 4.5160

Rectangle

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



112.3610, 79.3970, 75.4370



115.8220, 103.7980, 24.1660



103.3140, -75.9630, -49.5550



116.0820, -111.9150, -14.7230

Sweetspot

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



112.3610, 79.3970, 75.4370



214.3540, 26.2670, 25.0750



87.9220, -14.2730, 76.9830



103.1690, 16.1820, 15.1100



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.



112.3610, 79.3970, 75.4370



94.8780, 103.6470, 98.5190



101.5310, 109.8920, 45.8920



109.9730, 4.6300, 4.1980



65.9750, 74.4920, 70.7160



19.6800, 22.2330, 21.0890

Inverse Universe

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



112.3610, 79.3970, 75.4370



94.8780, 103.6470, 98.5190



175.4690, -109.8920, -45.8920



109.9730, 4.6300, 4.1980



65.9750, 74.4920, 70.7160



19.6800, 22.2330, 21.0890

Previews

White Background



This preview shows how the YIQ color 112.3610, 79.3970, 75.4370 looks on a white background.

Color Contrast Check

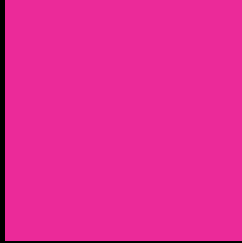
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.3610, 79.3970, 75.4370 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 112.3610, 79.3970, 75.4370

Background



This preview shows how black text looks on a background with the YIQ color 112.3610, 79.3970, 75.4370.



This preview shows how white text looks on a background with the YIQ color 112.3610, 79.3970,

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

112.3610, 79.3970, 75.4370

Protanopia

126.6060, -44.8440, 19.7640

Deuteranopia

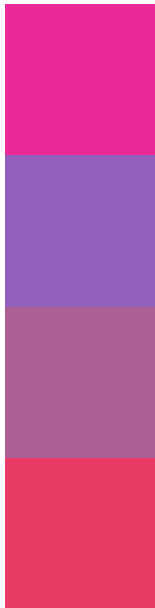
129.7430, -0.4140, 7.5060



Tritanopia

118.1820, 94.3970, 34.8530

Trichromacy



Original Color

112.3610, 79.3970, 75.4370

Protanomaly

121.2640, 0.8180, 40.2580

Deuteranomaly

123.6520, 28.6040, 32.2840

Tritanomaly

116.2160, 89.0300, 49.5260

Monochromacy



Original Color

112.3610, 79.3970, 75.4370

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.4900, 28.8800, 27.2800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.3610, 79.3970, 75.4370 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(235, 42, 153)` looks like.

```
.text, #text, p{  
    color:rgb(235, 42, 153)  
}
```

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(235, 42, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 42, 153) }
```

Border

The CSS property to change the border of an element to YIQ 112.3610, 79.3970, 75.4370 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(235, 42, 153) }
```


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

```
.border{ border-color:rgb(235, 42, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 42, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 42, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 42, 153);  
box-shadow:4px 4px 4px 4px rgb(235, 42,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 112.3610, 79.3970, 75.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 42, 153) }
```

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

```
.background{ background-color: rgb(235, 42,  
153) }
```

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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