

Converting Colors

YIQ(121.8330, 89.2110, 62.7710)

Have a look what the booklet for
YIQ(121.8330, 89.2110, 62.7710)
contains.

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Color

**YIQ(121.8330, 89.2110,
62.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	F63982
RGB	246, 57, 130
RGB Percent	96%, 22%, 51%
CMY	0.0348, 0.7767, 0.4899
CMYK	0.00, 0.77, 0.47, 0.03
HSL	337°, 91%, 59%
HSV	337°, 77%, 97%
XYZ	43.5439, 24.1478, 23.5118
YIQ	121.8330, 89.2110, 62.7710

Conversions

Conversions Part 2

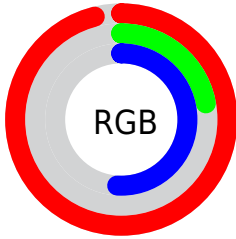
Format	Color
R_{YB}	246, 57, 130
Decimal	16136578
CIE _{Lab}	56.24, 74.09, 4.56
CIE _{LCh}	56, 74.228, 3.519
Yxy	24.1478, 0.4774, 0.2648
Android (android.graphics.Color)	4294326658 (0xFFFF63982)
YUV	121.8330, 4.0263, 108.8945
Hunter-Lab	49.1405, 72.1751, 6.0304

Details

The YIQ color **121.8330, 89.2110, 62.7710** 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 **181.1670, -89.2110, -62.7710**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **168.1340, 59.9620, 47.6900**, and **64.2500, 83.6630, 64.1990** is the 20% darker color. If you saturate the color by 10%, you get **105.4480, 100.9010, 71.1810**, and if you desaturate by 10%, it is **138.2180, 77.5210, 54.3610**.

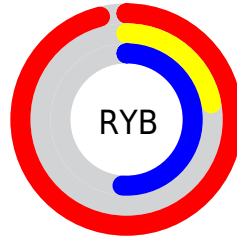
Distribution



Red (96%)

Green (22%)

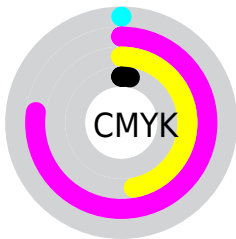
Blue (51%)



Red (96%)

Yellow (22%)

Blue (51%)

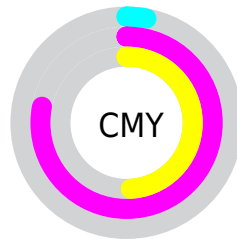


Cyan (0%)

Magenta (77%)

Yellow (47%)

Black (3%)



Cyan (3%)


Magenta (78%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.8330, 89.2110, 62.7710 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 121.8330, 89.2110, 62.7710 by changing the saturation by 10% instead.


 121.8330, 89.2110,
62.7710


 121.8330, 89.2110,
62.7710


255.0000, -0.0000,
-0.0000


 76.8420, 94.1600,
77.7120


 168.1340, 59.9620,
47.6900


 64.2500, 83.6630,
64.1990


 188.8220, 43.0450,
40.3970


 52.4730, 72.2490,
50.7850


 209.1510, 25.7610,
34.2490

 40.6960, 60.8350,
37.3710

 228.5850, 12.3750,
23.5350

 29.3320, 49.6960,
24.4800

 246.1950, 4.1250,
7.8450

 19.1790, 36.5850,
14.2890

 8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,
0.0000

■ 121.8330, 89.2110,
62.7710

■ 121.8330, 89.2110,
62.7710

■ 105.4480,
100.9010, 71.1810

■ 138.2180, 77.5210,
54.3610

■ 89.6500, 112.3160,
79.0680

■ 154.0160, 66.1060,
46.4740

■ 84.3840, 116.1210,
81.6970

■ 170.4010, 54.4160,
38.0640

■ 186.1990, 43.0010,
30.1770

■ 202.6980, 30.9900,
22.0780

219.0830, 19.3000,
13.6680

234.8810, 7.8850,
5.7810

251.2660, -3.8050,
-2.6290

252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



133.3720, 45.3330, 65.0210



121.8330, 89.2110, 62.7710



124.0100, 100.6330, 31.9690

Triad

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



121.8330, 89.2110, 62.7710



115.2480, 11.5190, -60.1050



120.1860, -123.4710, -3.5270

Complementary

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



121.8330, 89.2110, 62.7710



181.1670, -89.2110, -62.7710

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.



119.0510, -110.6300, -21.4940



121.8330, 89.2110, 62.7710



101.6550, -67.1580, -60.4540

Square

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



121.8330, 89.2110, 62.7710



125.8890, 55.8510, -37.5330



111.7550, -90.0860, -41.3980



111.8370, -120.6300, 5.5620

Rectangle

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



121.8330, 89.2110, 62.7710



126.6290, 96.1910, 2.3270



111.7550, -90.0860, -41.3980



120.4650, -120.1230, -9.1390

Sweetspot

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



121.8330, 89.2110, 62.7710



216.2630, 27.7810, 19.6610



112.3330, 6.6790, 82.7350



104.3600, 16.9620, 11.9860



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.



121.8330, 89.2110, 62.7710



100.6390, 110.8490, 78.1210



124.6640, 107.4190, 30.1310



114.1580, 5.5470, 4.0990



63.8220, 87.7440, 61.8240



20.2630, 27.7810, 19.6610

Inverse Universe

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



121.8330, 89.2110, 62.7710



100.6390, 110.8490, 78.1210



178.3360, -107.4190, -30.1310



114.1580, 5.5470, 4.0990



63.8220, 87.7440, 61.8240



20.2630, 27.7810, 19.6610

Previews

White Background



This preview shows how the YIQ color 121.8330, 89.2110, 62.7710 looks on a white background.

Color Contrast Check

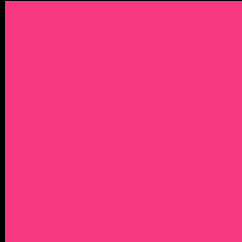
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8330, 89.2110, 62.7710 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 121.8330, 89.2110, 62.7710

Background



This preview shows how black text looks on a background with the YIQ color 121.8330, 89.2110, 62.7710.



This preview shows how white text looks on a background with the YIQ color 121.8330, 89.2110,

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

121.8330, 89.2110, 62.7710

Protanopia

135.8690, -18.2040, 10.5320

Deuteranopia

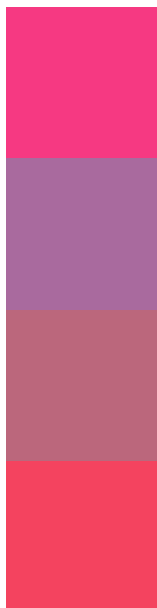
135.8510, 16.5970, 2.0770



Tritanopia

123.4710, 100.9530, 37.1850

Trichromacy



Original Color

121.8330, 89.2110, 62.7710

Protanomaly

130.7650, 20.8560, 29.5280

Deuteranomaly

130.5100, 43.3230, 24.3390

Tritanomaly

123.1150, 96.5040, 46.2320

Monochromacy



Original Color

121.8330, 89.2110, 62.7710

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.7090, 32.4570, 23.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8330, 89.2110, 62.7710 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(246, 57, 130)` looks like.

```
.text, #text, p{  
    color:rgb(246, 57, 130)  
}
```

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(246, 57, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 57, 130) }
```

Border

The CSS property to change the border of an element to YIQ 121.8330, 89.2110, 62.7710 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(246, 57, 130) }
```


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

```
.border{ border-color:rgb(246, 57, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 57, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 57, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 57, 130);  
box-shadow:4px 4px 4px 4px rgb(246, 57,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8330, 89.2110, 62.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 57, 130) }
```

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

```
.background{ background-color: rgb(246, 57,  
130) }
```

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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