

Converting Colors

YIQ(123.6630, 83.9380, 64.7220)

Have a look what the booklet for
YIQ(123.6630, 83.9380, 64.7220)
contains.

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Color

**YIQ(123.6630, 83.9380,
64.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	F43B8D
RGB	244, 59, 141
RGB Percent	96%, 23%, 55%
CMY	0.0426, 0.7689, 0.4468
CMYK	0.00, 0.76, 0.42, 0.04
HSL	333°, 89%, 59%
HSV	333°, 76%, 96%
XYZ	43.7245, 24.3006, 27.6121
YIQ	123.6630, 83.9380, 64.7220

Conversions

Conversions Part 2

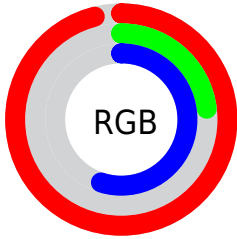
Format	Color
R_{YB}	244, 59, 141
Decimal	16006029
CIE _{Lab}	56.39, 73.97, -1.79
CIE _{LCh}	56, 73.987, 358.616
Yxy	24.3006, 0.4572, 0.2541
Android (android.graphics.Color)	4294196109 (0xFFFF43B8D)
YUV	123.6630, 8.5471, 105.5355
Hunter-Lab	49.2957, 72.0595, 1.2967

Details

The YIQ color **123.6630, 83.9380, 64.7220** 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 **179.3370, -83.9380, -64.7220**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **169.9750, 56.1560, 50.5880**, and **64.7920, 79.2610, 66.8850** is the 20% darker color. If you saturate the color by 10%, you get **107.9790, 95.0320, 72.9200**, and if you desaturate by 10%, it is **139.3470, 72.8440, 56.5240**.

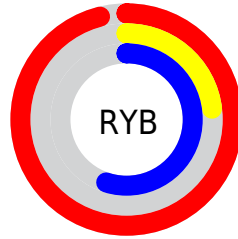
Distribution



Red (96%)

Green (23%)

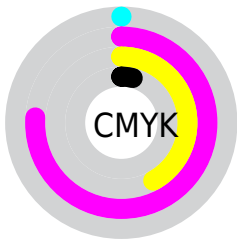
Blue (55%)



Red (96%)

Yellow (23%)

Blue (55%)

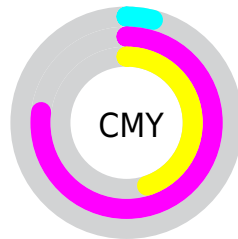


Cyan (0%)

Magenta (76%)

Yellow (42%)

Black (4%)



Cyan (4%)


Magenta (77%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.6630, 83.9380, 64.7220 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 123.6630, 83.9380, 64.7220 by changing the saturation by 10% instead.


 123.6630, 83.9380,
64.7220

 123.6630, 83.9380,
64.7220


255.0000, -0.0000,
-0.0000


 81.0200, 87.7870,
77.5710


 170.0890, 55.8350,
50.8990


 64.7920, 79.2610,
66.8850


 190.7770, 38.9180,
43.6060

 53.2000, 68.7640,
53.3720


 211.6930, 21.3590,
36.9350

 41.7220, 57.9460,
40.1700

 229.1720, 12.1000,
23.0120

 30.4720, 46.4860,
27.5900

 247.3690, 3.5750,
6.7990

 19.4780, 37.1810,
14.5010

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 123.6630, 83.9380,
64.7220

■ 123.6630, 83.9380,
64.7220

■ 107.9790, 95.0320,
72.9200

■ 139.3470, 72.8440,
56.5240

■ 91.8220, 106.0800,
81.9520

■ 155.5040, 61.7960,
47.4920

■ 85.2680, 110.7560,
85.3160

■ 171.1880, 50.7020,
39.2940

■ 187.3450, 39.6540,
30.2620

■ 203.0290, 28.5600,
22.0640

■ 218.7130, 17.4660,
13.8660

■ 234.8700, 6.4180,
4.8340

■ 250.5540, -4.6760,
-3.3640

■ 251.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



135.2290, 35.4300, 62.7740



123.6630, 83.9380, 64.7220



123.8130, 99.9900, 38.1180

Triad

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



123.6630, 83.9380, 64.7220



117.9610, 19.8170, -56.3030



120.6760, -122.0950, -6.4390

Complementary

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



123.6630, 83.9380, 64.7220



179.3370, -83.9380, -64.7220

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.



117.9110, -107.4200, -24.6040



123.6630, 83.9380, 64.7220



100.5150, -63.9480, -63.5640

Square

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



123.6630, 83.9380, 64.7220



127.1180, 62.6360, -33.8440



110.5010, -86.5550, -44.8190



113.5980, -121.4550, 3.9930

Rectangle

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



123.6630, 83.9380, 64.7220



126.9700, 96.9690, 10.2570



110.5010, -86.5550, -44.8190



120.8410, -118.4260, -12.3620

Sweetspot

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



123.6630, 83.9380, 64.7220



216.6050, 26.8180, 20.5940



110.5880, 1.4070, 79.1590



104.5880, 16.3200, 12.6080



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.



123.6630, 83.9380, 64.7220



104.1100, 105.2090, 81.2170



119.5980, 107.7850, 34.5130



114.2720, 5.2260, 4.4100



65.0760, 84.2130, 65.2450



20.6050, 26.8180, 20.5940

Inverse Universe

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



123.6630, 83.9380, 64.7220



104.1100, 105.2090, 81.2170



183.4020, -107.7850, -34.5130



114.2720, 5.2260, 4.4100



65.0760, 84.2130, 65.2450



20.6050, 26.8180, 20.5940

Previews

White Background



This preview shows how the YIQ color 123.6630, 83.9380, 64.7220 looks on a white background.

Color Contrast Check

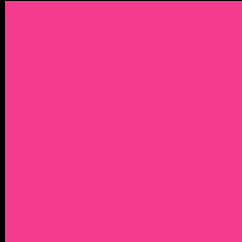
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.6630, 83.9380, 64.7220 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 123.6630, 83.9380, 64.7220

Background



This preview shows how black text looks on a background with the YIQ color 123.6630, 83.9380, 64.7220.



This preview shows how white text looks on a background with the YIQ color 123.6630, 83.9380,

64.7220.

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

123.6630, 83.9380, 64.7220

Protanopia

135.8560, -25.3570, 13.5150

Deuteranopia

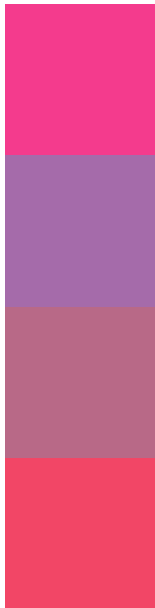
136.7950, 11.0030, 4.3390



Tritanopia

125.4920, 96.4600, 36.0120

Trichromacy



Original Color

123.6630, 83.9380, 64.7220

Protanomaly

131.5240, 14.3450, 31.8890

Deuteranomaly

132.0410, 37.4540, 26.0780

Tritanomaly

125.0760, 92.2400, 46.4160

Monochromacy



Original Color

123.6630, 83.9380, 64.7220

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.7520, 30.8980, 23.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.6630, 83.9380, 64.7220 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(244, 59, 141)` looks like.

```
.text, #text, p{  
    color:rgb(244, 59, 141)  
}
```

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(244, 59, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 59, 141) }
```

Border

The CSS property to change the border of an element to YIQ 123.6630, 83.9380, 64.7220 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(244, 59, 141) }
```


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

```
.border{ border-color:rgb(244, 59, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 59, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 59, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 59, 141);  
box-shadow:4px 4px 4px 4px rgb(244, 59,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 123.6630, 83.9380, 64.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 59, 141) }
```

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

```
.background{ background-color: rgb(244, 59,  
141) }
```

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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