

Converting Colors

YIQ(132.8110, 86.2770, 60.8770)

Have a look what the booklet for
YIQ(132.8110, 86.2770, 60.8770)
contains.

YIQ(132.8110, 86.2770, 60.8770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(132.8110, 86.2770,
60.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	FD468D
RGB	253, 70, 141
RGB Percent	99%, 27%, 55%
CMY	0.0074, 0.7257, 0.4468
CMYK	0.00, 0.72, 0.44, 0.01
HSL	337°, 98%, 63%
HSV	337°, 72%, 99%
XYZ	47.5511, 27.2016, 27.9721
YIQ	132.8110, 86.2770, 60.8770

Conversions

Conversions Part 2

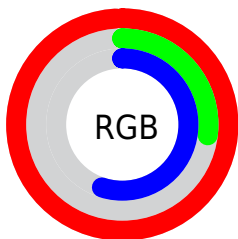
Format	Color
RYB	253, 70, 141
Decimal	16598669
CIELab	59.16, 72.96, 2.45
CIElCh	59, 73.001, 1.920
Yxy	27.2016, 0.4629, 0.2648
Android (android.graphics.Color)	4294788749 (0xFFFD468D)
YUV	132.8110, 4.0372, 105.4058
Hunter-Lab	52.1552, 71.4712, 4.7099

Details

The YIQ color **132.8110, 86.2770, 60.8770** 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 **190.1890, -86.2770, -60.8770**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2580, 53.6810, 45.8810**, and **67.4830, 84.6250, 68.7930** is the 20% darker color. If you saturate the color by 10%, you get **116.4260, 97.9670, 69.2870**, and if you desaturate by 10%, it is **149.3100, 74.2660, 52.7780**.

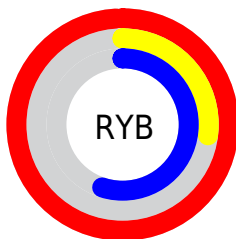
Distribution



Red (99%)

Green (27%)

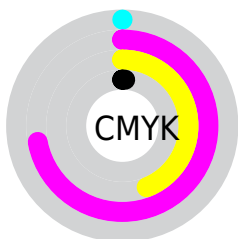
Blue (55%)



Red (99%)

Yellow (27%)

Blue (55%)

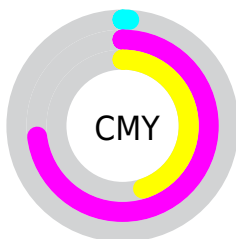


Cyan (0%)

Magenta (72%)

Yellow (44%)

Black (1%)



Cyan (1%)


Magenta (73%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.8110, 86.2770, 60.8770 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 132.8110, 86.2770, 60.8770 by changing the saturation by 10% instead.


 132.8110, 86.2770,
60.8770


 132.8110, 86.2770,
60.8770


255.0000, -0.0000,
-0.0000


 97.7990, 86.5510,
66.9270


 175.2580, 53.6810,
45.8810


 67.4830, 84.6250,
68.7930


 196.0600, 36.4430,
38.8990

 55.5920, 73.5320,
55.0680


 216.9760, 18.8840,
32.2280

 44.1140, 62.7140,
41.8660

 234.4550, 9.6250,
18.3050

 32.8640, 51.2540,
29.2860

 252.6520, 1.1000,
2.0920

 21.9840, 41.6280,
16.5080

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 132.8110, 86.2770,
60.8770

■ 132.8110, 86.2770,
60.8770

■ 116.4260, 97.9670,
69.2870

■ 149.3100, 74.2660,
52.7780

■ 99.3400, 110.2530,
77.9090

■ 166.2820, 62.3010,
43.8450

■ 86.8190, 119.3300,
84.1140

■ 182.7810, 50.2900,
35.7460

■ 199.1660, 38.6000,
27.3360

■ 215.5510, 26.9100,
18.9260

232.6370, 14.6240,
10.3040

249.0220, 2.9340,
1.8940

254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



142.7520, 41.2070, 62.7030



132.8110, 86.2770, 60.8770



133.3520, 99.6700, 32.9020

Triad

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



132.8110, 86.2770, 60.8770



123.2440, 17.3420, -61.0100



125.3380, -126.9550, -6.4670

Complementary

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



132.8110, 86.2770, 60.8770



190.1890, -86.2770, -60.8770

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.



124.2030, -114.1140, -24.4340



132.8110, 86.2770, 60.8770



106.9210, -70.9630, -63.0830

Square

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



132.8110, 86.2770, 60.8770



132.7000, 60.7570, -38.3390



116.9070, -93.5700, -44.3380



116.5330, -122.8300, 1.3780

Rectangle

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



132.8110, 86.2770, 60.8770



134.7370, 96.0070, 5.6630



116.9070, -93.5700, -44.3380



125.7310, -123.9280, -11.7680

Sweetspot

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



132.8110, 86.2770, 60.8770



218.2520, 26.3140, 18.7140



123.7520, 6.8170, 80.2330



105.6480, 16.0910, 11.2510



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.



132.8110, 86.2770, 60.8770



109.1820, 104.7060, 73.8100



135.2830, 104.1180, 29.3820



119.4570, 6.1430, 4.3110



65.5450, 90.0820, 63.5060



21.9860, 30.1190, 21.3430

Inverse Universe

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



132.8110, 86.2770, 60.8770



109.1820, 104.7060, 73.8100



187.7170, -104.1180, -29.3820



119.4570, 6.1430, 4.3110



65.5450, 90.0820, 63.5060



21.9860, 30.1190, 21.3430

Previews

White Background



This preview shows how the YIQ color 132.8110, 86.2770, 60.8770 looks on a white background.

Color Contrast Check

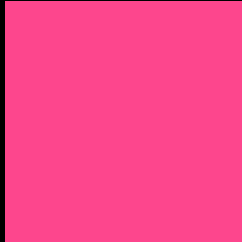
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.8110, 86.2770, 60.8770 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 132.8110, 86.2770, 60.8770

Background



This preview shows how black text looks on a background with the YIQ color 132.8110, 86.2770, 60.8770.



This preview shows how white text looks on a background with the YIQ color 132.8110, 86.2770,

60.8770.

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

132.8110, 86.2770, 60.8770

Protanopia

143.2110, -19.1670, 11.4650

Deuteranopia

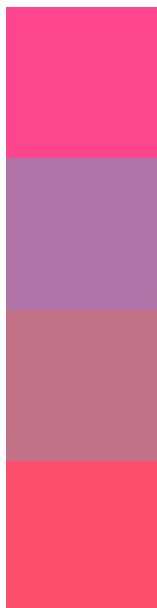
143.8940, 15.0380, 2.7980



Tritanopia

133.5030, 97.9270, 36.9590

Trichromacy



Original Color

132.8110, 86.2770, 60.8770

Protanomaly

139.2810, 19.3430, 29.4150

Deuteranomaly

139.7270, 41.2140, 24.0140

Tritanomaly

133.0330, 93.7990, 45.6950

Monochromacy



Original Color

132.8110, 86.2770, 60.8770

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9970, 31.5860, 22.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.8110, 86.2770, 60.8770 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(253, 70, 141)` looks like.

```
.text, #text, p{  
    color:rgb(253, 70, 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(253, 70, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 70, 141) }
```

Border

The CSS property to change the border of an element to YIQ 132.8110, 86.2770, 60.8770 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(253, 70, 141) }
```


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

```
.border{ border-color:rgb(253, 70, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 70, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 70, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 70, 141);  
box-shadow:4px 4px 4px 4px rgb(253, 70,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 132.8110, 86.2770, 60.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 70, 141) }
```

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

```
.background{ background-color: rgb(253, 70,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor