

Converting Colors

YIQ(133.6030, 84.1670, 66.0790)

Have a look what the booklet for
YIQ(133.6030, 84.1670, 66.0790)
contains.

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Color

**YIQ(133.6030, 84.1670,
66.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4499
RGB	255, 68, 153
RGB Percent	100%, 27%, 60%
CMY	0.0000, 0.7336, 0.3997
CMYK	0.00, 0.73, 0.40, 0.00
HSL	333°, 100%, 63%
HSV	333°, 73%, 100%
XYZ	49.0578, 27.6869, 32.9251
YIQ	133.6030, 84.1670, 66.0790

Conversions

Conversions Part 2

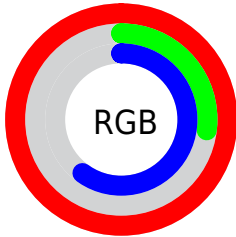
Format	Color
R_{YB}	255, 68, 153
Decimal	16729241
CIE _{Lab}	59.60, 75.19, -3.89
CIE _{LCh}	60, 75.293, 357.040
Yxy	27.6869, 0.4473, 0.2525
Android (android.graphics.Color)	4294919321 (0xFFFF4499)
YUV	133.6030, 9.5627, 106.4652
Hunter-Lab	52.6184, 74.3391, -0.2669

Details

The YIQ color **133.6030, 84.1670, 66.0790** 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 **189.3970, -84.1670, -66.0790**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1530, 49.7830, 50.4470**, and **69.3350, 82.2860, 72.6380** is the 20% darker color. If you saturate the color by 10%, you get **116.7450, 95.8110, 75.3230**, and if you desaturate by 10%, it is **149.8740, 72.7980, 57.3580**.

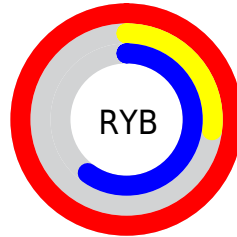
Distribution



Red (100%)

Green (27%)

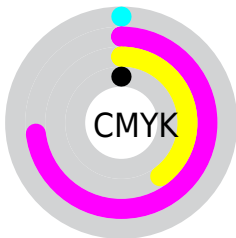
Blue (60%)



Red (100%)

Yellow (27%)

Blue (60%)

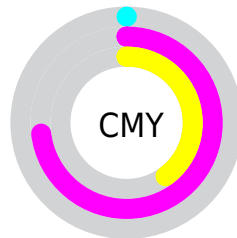


Cyan (0%)

Magenta (73%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.6030, 84.1670, 66.0790 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 133.6030, 84.1670, 66.0790 by changing the saturation by 10% instead.


 133.6030, 84.1670,
66.0790


 133.6030, 84.1670,
66.0790


255.0000, -0.0000,
-0.0000


 96.7160, 85.5870,
73.3870


 176.1530, 49.7830,
50.4470


 69.3350, 82.2860,
72.6380


 196.9550, 32.5450,
43.4650

 57.3300, 71.5140,
58.6020


 216.8450, 17.8750,
33.9950

 45.8520, 60.6960,
45.4000

 234.4550, 9.6250,
18.3050

 34.4880, 49.5570,
32.5090

 252.0650, 1.3750,
2.6150

 23.7930, 40.8480,
19.6320

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 133.6030, 84.1670,
66.0790

■ 133.6030, 84.1670,
66.0790

■ 116.7450, 95.8110,
75.3230

■ 149.8740, 72.7980,
57.3580

■ 100.4740,
107.1800, 84.0440

■ 166.7320, 61.1540,
48.1140

■ 89.4690, 114.7440,
90.1360

■ 183.0030, 49.7850,
39.3930

■ 199.8610, 38.1410,
30.1490

■ 216.1320, 26.7720,
21.4280

232.8760, 15.4490,
11.8730

249.1470, 4.0800,
3.1520

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



145.0870, 32.9540, 63.5940



133.6030, 84.1670, 66.0790



132.6500, 102.0070, 40.1110

Triad

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



133.6030, 84.1670, 66.0790



126.2450, 24.7690, -57.9430



127.6860, -128.0550, -8.5590

Complementary

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



133.6030, 84.1670, 66.0790



189.3970, -84.1670, -66.0790

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.



124.5790, -112.4170, -27.6570



133.6030, 84.1670, 66.0790



106.1400, -67.3860, -67.3380

Square

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



133.6030, 84.1670, 66.0790



134.2280, 68.1380, -34.4380



116.3540, -90.6350, -47.9710



119.4680, -124.2050, -1.2370

Rectangle

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



133.6030, 84.1670, 66.0790



135.7040, 100.7740, 12.8860



116.3540, -90.6350, -47.9710



127.1500, -123.7900, -14.2700

Sweetspot

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



133.6030, 84.1670, 66.0790



218.5940, 25.3510, 19.6470



119.2180, -0.4270, 79.3570



105.8760, 15.4490, 11.8730



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.



133.6030, 84.1670, 66.0790



109.6040, 100.7620, 79.2100



127.4350, 109.8020, 36.5060



119.5710, 5.8220, 4.6220



67.0270, 85.9090, 67.5490



22.4420, 28.8350, 22.5870

Inverse Universe

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



133.6030, 84.1670, 66.0790



109.6040, 100.7620, 79.2100



195.5650, -109.8020, -36.5060



119.5710, 5.8220, 4.6220



67.0270, 85.9090, 67.5490



22.4420, 28.8350, 22.5870

Previews

White Background



This preview shows how the YIQ color 133.6030, 84.1670, 66.0790 looks on a white background.

Color Contrast Check

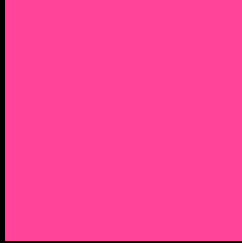
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.6030, 84.1670, 66.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

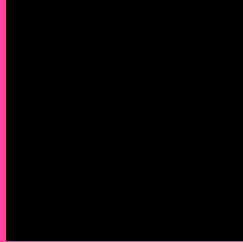
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.6030, 84.1670, 66.0790

Background



This preview shows how black text looks on a background with the YIQ color 133.6030, 84.1670, 66.0790.



This preview shows how white text looks on a background with the YIQ color 133.6030, 84.1670,

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

133.6030, 84.1670, 66.0790

Protanopia

143.8280, -28.1540, 14.6460

Deuteranopia

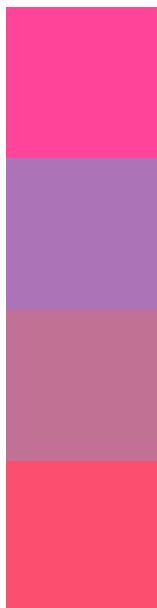
145.2510, 9.7190, 5.5830



Tritanopia

135.0900, 97.6520, 36.4360

Trichromacy



Original Color

133.6030, 84.1670, 66.0790

Protanomaly

140.0940, 12.7400, 33.4440

Deuteranomaly

140.7960, 36.7660, 27.5340

Tritanomaly

134.4890, 92.5150, 46.9390

Monochromacy



Original Color

133.6030, 84.1670, 66.0790

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.8660, 30.5770, 24.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.6030, 84.1670, 66.0790 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(255, 68, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 68, 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(255, 68, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 68, 153) }
```

Border

The CSS property to change the border of an element to YIQ 133.6030, 84.1670, 66.0790 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(255, 68, 153) }
```


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

```
.border{ border-color:rgb(255, 68, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 68, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 68, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 68, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 68,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 133.6030, 84.1670, 66.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 68, 153) }
```

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

```
.background{ background-color: rgb(255, 68,  
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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