

Converting Colors

YIQ(131.8610, 58.7590,
108.0630)

Have a look what the booklet for
YIQ(131.8610, 58.7590, 108.0630)
contains.

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Color

**YIQ(131.8610, 58.7590,
108.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2EFB
RGB	255, 46, 251
RGB Percent	100%, 18%, 98%
CMY	0.0000, 0.8199, 0.0156
CMYK	0.00, 0.82, 0.02, 0.00
HSL	301°, 100%, 59%
HSV	301°, 82%, 100%
XYZ	59.6292, 30.1734, 93.9637
YIQ	131.8610, 58.7590, 108.0630

Conversions

Conversions Part 2

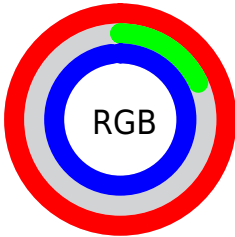
Format	Color
R _Y B	255, 46, 251
Decimal	16723707
CIE Lab	61.80, 92.67, -56.27
CIE LCh	62, 108.418, 328.735
Yxy	30.1734, 0.3245, 0.1642
Android (android.graphics.Color)	4294913787 (0xFFFF2EFB)
YUV	131.8610, 58.7355, 107.9929
Hunter-Lab	54.9303, 97.6411, -62.9701

Details

The YIQ color **131.8610, 58.7590, 108.0630** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **169.1390, -58.7590, -108.0630**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.7550, 37.1250, 70.6050**, and **80.1220, 53.3500, 101.4620** is the 20% darker color. If you saturate the color by 10%, you get **116.5990, 65.9090, 121.6610**, and if you desaturate by 10%, it is **146.6500, 51.5630, 95.2990**.

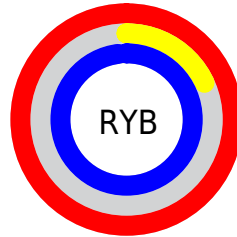
Distribution



Red (100%)

Green (18%)

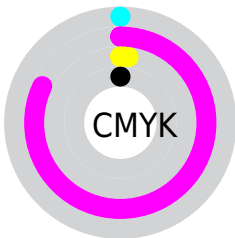
Blue (98%)



Red (100%)

Yellow (18%)

Blue (98%)

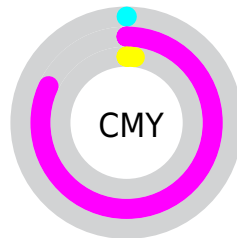


Cyan (0%)

Magenta (82%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.8610, 58.7590, 108.0630 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 131.8610, 58.7590, 108.0630 by changing the saturation by 10% instead.


 131.8610, 58.7590,
108.0630


 131.8610, 58.7590,
108.0630


255.0000, -0.0000,
-0.0000


 92.2840, 62.2420,
116.5300


 175.7550, 37.1250,
70.6050


 80.1220, 53.3500,
101.4620


 193.9520, 28.6000,
54.3920

 67.6610, 43.8620,
86.1820


 212.1490, 20.0750,
38.1790

 55.9120, 35.2450,
71.6370

 230.3460, 11.5500,
21.9660

 43.9780, 25.7110,
57.1910

 248.5430, 3.0250,
5.7530

 32.6420, 17.3690,
43.1690

 20.6370, 6.5970,

29.1330

■ 6.0550, -9.8600,
13.5000

■ 2.5250, -5.7320,
4.7640

■ 131.8610, 58.7590,
108.0630

■ 131.8610, 58.7590,
108.0630

■ 116.5990, 65.9090,
121.6610

■ 146.6500, 51.5630,
95.2990

■ 104.7450, 71.7300,
131.8100

■ 161.9120, 44.4130,
81.7010

■ 176.5870, 37.5380,
68.6260

■ 191.9630, 30.0670,
55.3390

206.6380, 23.1920,
42.2640

222.0140, 15.7210,
28.9770

236.6890, 8.8460,
15.9020

252.0650, 1.3750,
2.6150

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.



135.0360, -51.2660, 37.0380



131.8610, 58.7590, 108.0630



94.2570, 101.2620, 103.1980

Triad

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



131.8610, 58.7590, 108.0630



140.4300, 70.3850, -36.6150



137.7160, -128.7400, -23.6840

Complementary

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



131.8610, 58.7590, 108.0630



169.1390, -58.7590, -108.0630

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.



125.3700, -96.7320, -53.1160



131.8610, 58.7590, 108.0630



124.9170, 4.7810, -70.1550

Square

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



131.8610, 58.7590, 108.0630



134.3580, 124.7550, 2.2830



109.5530, -59.0840, -85.6440



136.4910, -132.1800, -16.4040

Rectangle

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



131.8610, 58.7590, 108.0630



87.0750, 121.4850, 83.6050



109.5530, -59.0840, -85.6440



134.1820, -118.7890, -33.3250

Sweetspot

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



131.8610, 58.7590, 108.0630



217.3180, 17.9210, 33.1610



70.7230, -65.3010, 65.6350



104.9930, 11.0460, 20.0860



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.



131.8610, 58.7590, 108.0630



107.6800, 70.3550, 129.1950



120.0050, 92.1430, 75.7190



120.2550, 3.8960, 6.4880



78.5410, 53.4880, 98.9600



26.3180, 17.9210, 33.1610

Inverse Universe

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



131.8610, 58.7590, 108.0630



107.6800, 70.3550, 129.1950



180.9950, -92.1430, -75.7190



120.2550, 3.8960, 6.4880



78.5410, 53.4880, 98.9600



26.3180, 17.9210, 33.1610

Previews

White Background



This preview shows how the YIQ color 131.8610, 58.7590, 108.0630 looks on a white background.

Color Contrast Check

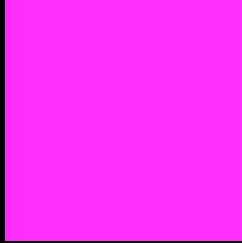
Large Text (above 18pt) WCAG AA × Fail

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 131.8610, 58.7590, 108.0630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

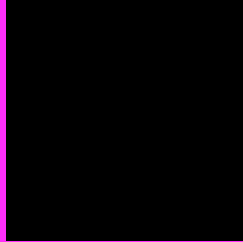
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 131.8610, 58.7590, 108.0630

Background



This preview shows how black text looks on a background with the YIQ color 131.8610, 58.7590, 108.0630.



This preview shows how white text looks on a background with the YIQ color 131.8610, 58.7590,

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

131.8610, 58.7590, 108.0630

Protanopia

144.6720, -62.4050, 24.1470

Deuteranopia

144.3810, -57.4520, 16.9800



Tritanopia

146.1630, 78.2130, 30.7970

Trichromacy



Original Color

131.8610, 58.7590, 108.0630



Protanomaly

140.1700, -18.8080, 54.5360



Deuteranomaly

139.9760, -15.5060, 49.7580



Tritanomaly

141.1450, 70.5970, 58.7010

Monochromacy



Original Color

131.8610, 58.7590, 108.0630



Achromatopsia

132.0000, -0.0000, -0.0000



Achromatomaly

132.1600, 21.5420, 39.1260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.8610, 58.7590, 108.0630 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, 46, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 251)  
}
```

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, 46, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 251) }
```

Border

The CSS property to change the border of an element to YIQ 131.8610, 58.7590, 108.0630 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, 46, 251) }
```


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

```
.border{ border-color:rgb(255, 46, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 46, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 131.8610, 58.7590, 108.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 251) }
```

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

```
.background{ background-color: rgb(255, 46,  
251) }
```

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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