

Converting Colors

YIQ(131.3430, 62.6130, 93.2770)

Have a look what the booklet for
YIQ(131.3430, 62.6130, 93.2770)
contains.

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Color

**YIQ(131.3430, 62.6130,
93.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	F936DD
RGB	249, 54, 221
RGB Percent	98%, 21%, 87%
CMY	0.0230, 0.7885, 0.1332
CMYK	0.00, 0.78, 0.11, 0.02
HSL	309°, 94%, 59%
HSV	309°, 78%, 98%
XYZ	53.4891, 28.0192, 71.0169
YIQ	131.3430, 62.6130, 93.2770

Conversions

Conversions Part 2

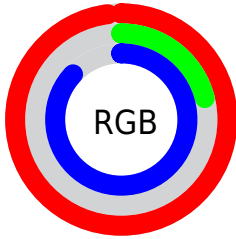
Format	Color
R _Y B	249, 54, 221
Decimal	16332509
CIE Lab	59.91, 85.62, -42.57
CIE LCh	60, 95.624, 333.563
Yxy	28.0192, 0.3507, 0.1837
Android (android.graphics.Color)	4294522589 (0xFFF936DD)
YUV	131.3430, 44.2009, 103.1852
Hunter-Lab	52.9332, 87.7418, -42.4922

Details

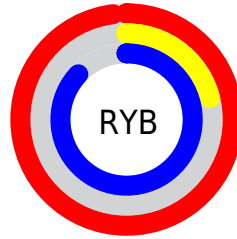
The YIQ color **131.3430, 62.6130, 93.2770** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **171.6570, -62.6130, -93.2770**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.9290, 36.5750, 69.5590**, and **75.0220, 59.0830, 91.1710** is the 20% darker color. If you saturate the color by 10%, you get **116.2120, 70.7720, 105.1080**, and if you desaturate by 10%, it is **146.4740, 54.4540, 81.4460**.

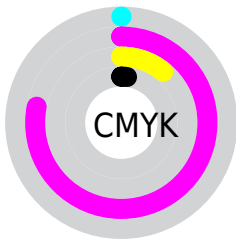
Distribution



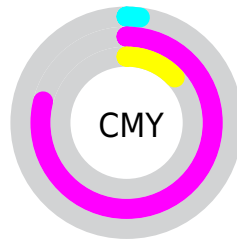
- Red (98%)
- Green (21%)
- Blue (87%)



- Red (98%)
- Yellow (21%)
- Blue (87%)



- Cyan (0%)
- Magenta (78%)
- Yellow (11%)
- Black (2%)




- Cyan (2%)
- Magenta (79%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.3430, 62.6130, 93.2770 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 131.3430, 62.6130, 93.2770 by changing the saturation by 10% instead.


 131.3430, 62.6130,
93.2770


 131.3430, 62.6130,
93.2770


255.0000, -0.0000,
-0.0000


 87.1840, 67.9750,
106.2390


 176.9290, 36.5750,
69.5590


 75.0220, 59.0830,
91.1710


 195.1260, 28.0500,
53.3460

 63.0880, 49.5490,
76.7250


 212.7360, 19.8000,
37.6560

 51.4530, 40.6110,
62.4910

 230.9330, 11.2750,
21.4430

 39.9320, 31.3520,
48.5680

 248.5430, 3.0250,
5.7530

 29.1230, 22.9640,
35.3800

 17.5310, 12.4670,

21.8670

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 131.3430, 62.6130,
93.2770

■ 131.3430, 62.6130,
93.2770

■ 116.2120, 70.7720,
105.1080

■ 146.4740, 54.4540,
81.4460

■ 101.1950, 78.6100,
117.2500

■ 161.4910, 46.6160,
69.3040

■ 98.7330, 80.0310,
119.0310

■ 176.6220, 38.4570,
57.4730

■ 191.6390, 30.6190,
45.3310

206.7700, 22.4600,
33.5000

221.3140, 14.5760,
22.1920

236.3310, 6.7380,
10.0500

251.4620, -1.4210,
-1.7810

252.9780, -2.9340,
-1.8940

Harmonies

Analogous

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



140.8160, -26.7390, 49.5890



131.3430, 62.6130, 93.2770



91.9770, 107.6820, 96.9780

Triad

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



131.3430, 62.6130, 93.2770



134.7490, 59.0610, -40.6430



131.9770, -124.9810, -20.2210

Complementary

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



131.3430, 62.6130, 93.2770



171.6570, -62.6130, -93.2770

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.



122.5150, -98.3380, -46.0340



131.3430, 62.6130, 93.2770



118.9810, -1.2710, -70.6070

Square

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



131.3430, 62.6130, 93.2770



133.3510, 108.2970, -7.8230



109.2060, -67.7520, -71.7200



130.0340, -129.1550, -10.6510

Rectangle

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



131.3430, 62.6130, 93.2770



93.3380, 121.7620, 73.0740



109.2060, -67.7520, -71.7200



129.0130, -116.6350, -28.3070

Sweetspot

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



131.3430, 62.6130, 93.2770



218.1670, 19.6640, 29.1040



84.0040, -47.0990, 66.1570



105.5970, 12.1010, 17.4850



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.



131.3430, 62.6130, 93.2770



110.1300, 77.2350, 114.6350



120.5130, 93.1080, 63.7320



117.1410, 4.2170, 6.1770



74.9790, 60.6420, 90.4500



24.1670, 19.6640, 29.1040

Inverse Universe

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



131.3430, 62.6130, 93.2770



110.1300, 77.2350, 114.6350



182.6010, -93.4290, -63.4210



117.1410, 4.2170, 6.1770



74.9790, 60.6420, 90.4500



24.1670, 19.6640, 29.1040

Previews

White Background



This preview shows how the YIQ color 131.3430, 62.6130, 93.2770 looks on a white background.

Color Contrast Check

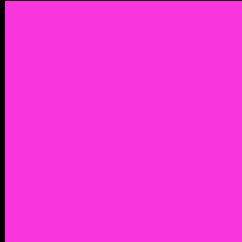
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.3430, 62.6130, 93.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

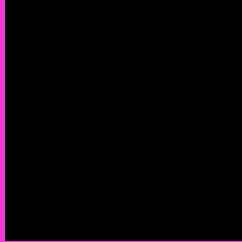
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.3430, 62.6130, 93.2770

Background



This preview shows how black text looks on a background with the YIQ color 131.3430, 62.6130, 93.2770.



This preview shows how white text looks on a background with the YIQ color 131.3430, 62.6130,

93.2770.

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

131.3430, 62.6130, 93.2770

Protanopia

138.7470, -66.9900, 24.6420

Deuteranopia

143.3480, -35.4900, 15.4380



Tritanopia

140.5440, 81.5140, 31.5460

Trichromacy



Original Color

131.3430, 62.6130, 93.2770



Protanomaly

135.9370, -19.7700, 49.9420



Deuteranomaly

139.0730, 0.0380, 43.3820



Tritanomaly

137.2500, 74.4950, 54.1350

Monochromacy



Original Color

131.3430, 62.6130, 93.2770



Achromatopsia

131.0000, -0.0000, -0.0000



Achromatomaly

131.1830, 22.7350, 34.0230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.3430, 62.6130, 93.2770 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(249, 54, 221)` looks like.

```
.text, #text, p{  
    color:rgb(249, 54, 221)  
}
```

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(249, 54, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 54, 221) }
```

Border

The CSS property to change the border of an element to YIQ 131.3430, 62.6130, 93.2770 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(249, 54, 221) }
```


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

```
.border{ border-color:rgb(249, 54, 221) }
```

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

Here you see how a box with a 4 pixel rgb(249, 54, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 54, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 54, 221);  
box-shadow:4px 4px 4px 4px rgb(249, 54,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 131.3430, 62.6130, 93.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 54, 221) }
```

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

```
.background{ background-color: rgb(249, 54,  
221) }
```

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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