

Converting Colors

YIQ(135.5730, 50.4620, 98.7340)

Have a look what the booklet for
YIQ(135.5730, 50.4620, 98.7340)
contains.

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Color

**YIQ(135.5730, 50.4620,
98.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	F53AF8
RGB	245, 58, 248
RGB Percent	96%, 23%, 97%
CMY	0.0386, 0.7728, 0.0274
CMYK	0.01, 0.77, 0.00, 0.03
HSL	299°, 93%, 60%
HSV	299°, 77%, 97%
XYZ	56.1608, 29.2347, 91.5008
YIQ	135.5730, 50.4620, 98.7340

Conversions

Conversions Part 2

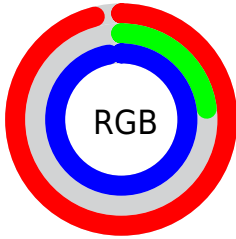
Format	Color
R _Y B	245, 58, 248
Decimal	16071416
CIE Lab	60.99, 87.72, -56.00
CIE LCh	61, 104.070, 327.448
Yxy	29.2347, 0.3175, 0.1653
Android (android.graphics.Color)	4294261496 (0xFFFF53AF8)
YUV	135.5730, 55.4265, 95.9675
Hunter-Lab	54.0691, 90.7843, -62.4876

Details

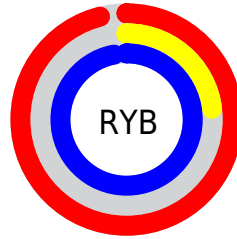
The YIQ color **135.5730, 50.4620, 98.7340** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **170.4270, -50.4620, -98.7340**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.6900, 35.7500, 67.9900**, and **76.7900, 48.3530, 98.4090** is the 20% darker color. If you saturate the color by 10%, you get **120.8980, 57.3370, 111.8090**, and if you desaturate by 10%, it is **150.5470, 44.1830, 85.8710**.

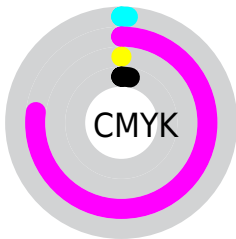
Distribution



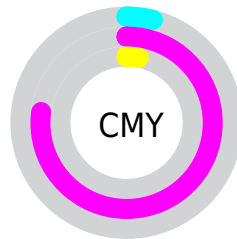
- Red (96%)
- Green (23%)
- Blue (97%)



- Red (96%)
- Yellow (23%)
- Blue (97%)



- Cyan (1%)
- Magenta (77%)
- Yellow (0%)
- Black (3%)




- Cyan (4%)
- Magenta (77%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.5730, 50.4620, 98.7340 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 135.5730, 50.4620, 98.7340 by changing the saturation by 10% instead.


 135.5730, 50.4620,
98.7340


 135.5730, 50.4620,
98.7340


255.0000, -0.0000,
-0.0000


 89.2510, 57.8410,
113.6890


 178.6900, 35.7500,
67.9900


 76.7900, 48.3530,
98.4090


 196.8870, 27.2250,
51.7770

 64.9270, 40.0570,
83.5530


 214.4970, 18.9750,
36.0870

 52.8790, 30.8440,
68.7960

 232.6940, 10.4500,
19.8740

 41.2440, 21.9060,
54.5620

 250.3040, 2.2000,
4.1840

 30.3210, 13.8390,
41.0630

 18.3160, 3.0670,

27.0270

■ 4.3320, -12.1980,
11.8180

■ 2.1830, -4.7690,
3.8310

■ 135.5730, 50.4620,
98.7340

■ 135.5730, 50.4620,
98.7340

■ 120.8980, 57.3370,
111.8090

■ 150.5470, 44.1830,
85.8710

■ 105.9240, 63.6160,
124.6720

■ 165.2220, 37.3080,
72.7960

■ 101.2280, 65.8160,
128.8560

■ 179.3100, 30.7080,
60.2440

■ 194.2840, 24.4290,
47.3810

208.9590, 17.5540,
34.3060

223.6340, 10.6790,
21.2310

238.6080, 4.4000,
8.3680

252.1090, -1.9250,
-3.6610

252.4080, -1.3290,
-3.4490

Harmonies

Analogous

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



132.9320, -56.9050, 34.6070



135.5730, 50.4620, 98.7340



94.3710, 100.9410, 103.5090

Triad

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



135.5730, 50.4620, 98.7340



138.3810, 72.0810, -34.3110



134.2280, -124.4300, -24.7020

Complementary

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



135.5730, 50.4620, 98.7340



170.4270, -50.4620, -98.7340

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.



122.9250, -93.9810, -53.4130



135.5730, 50.4620, 98.7340



125.2490, 9.7780, -67.1020

Square

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



135.5730, 50.4620, 98.7340



132.5860, 124.1130, 2.9050



107.6780, -57.9380, -84.3860



134.7300, -131.3550, -14.8350

Rectangle

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



135.5730, 50.4620, 98.7340



87.5310, 120.2010, 84.8490



107.6780, -57.9380, -84.3860



130.8080, -114.8000, -34.0320

Sweetspot

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



135.5730, 50.4620, 98.7340



220.0680, 15.6290, 30.6450



81.4210, -61.8150, 57.5210



106.5690, 9.3040, 18.6160



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.



135.5730, 50.4620, 98.7340



115.8590, 62.2410, 122.0570



125.9820, 81.7820, 70.7580



117.3690, 3.5750, 6.7990



77.1600, 50.1870, 98.2110



24.8940, 16.1790, 31.6910

Inverse Universe

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



115.1520, 112.2770, 41.2130



90.7210, 138.7760, 51.0640



180.0180, -81.7820, -70.7580



116.0010, 7.4270, 3.0670



56.8530, 111.6810, 41.0010



18.3530, 36.0350, 13.2430

Previews

White Background



This preview shows how the YIQ color 135.5730, 50.4620, 98.7340 looks on a white background.

Color Contrast Check

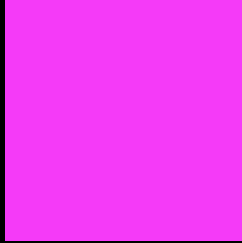
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.5730, 50.4620, 98.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

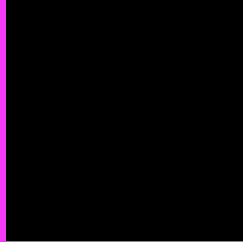
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.5730, 50.4620, 98.7340

Background



This preview shows how black text looks on a background with the YIQ color 135.5730, 50.4620, 98.7340.



This preview shows how white text looks on a background with the YIQ color 135.5730, 50.4620,

98.7340.

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

135.5730, 50.4620, 98.7340

Protanopia

142.3020, -64.2390, 24.3450

Deuteranopia

142.0820, -58.0480, 16.7680



Tritanopia

145.9770, 69.8690, 27.8290

Trichromacy



Original Color

135.5730, 50.4620, 98.7340

Protanomaly

139.9090, -22.5670, 51.0730

Deuteranomaly

140.0140, -18.6690, 46.5070

Tritanomaly

142.0900, 63.2620, 53.9660

Monochromacy



Original Color

135.5730, 50.4620, 98.7340

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.1980, 18.3790, 35.8750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.5730, 50.4620, 98.7340 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(245, 58, 248)` looks like.

```
.text, #text, p{  
    color:rgb(245, 58, 248)  
}
```

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(245, 58, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 58, 248) }
```

Border

The CSS property to change the border of an element to YIQ 135.5730, 50.4620, 98.7340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

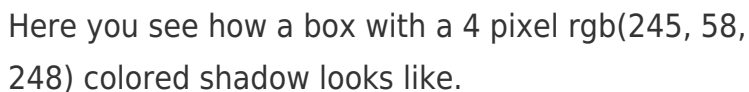
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 58, 248) }
```


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

```
.border{ border-color:rgb(245, 58, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 58, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 58, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 58, 248);  
box-shadow:4px 4px 4px 4px rgb(245, 58,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 135.5730, 50.4620, 98.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 58, 248) }
```

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

```
.background{ background-color: rgb(245, 58,  
248) }
```

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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