

Converting Colors

YIQ(132.5930, 64.9050, 95.7930)

Have a look what the booklet for
YIQ(132.5930, 64.9050, 95.7930)
contains.

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Color

**YIQ(132.5930, 64.9050,
95.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	FE35E0
RGB	254, 53, 224
RGB Percent	100%, 21%, 88%
CMY	0.0033, 0.7924, 0.1214
CMYK	0.00, 0.79, 0.12, 0.00
HSL	309°, 99%, 60%
HSV	309°, 79%, 100%
XYZ	55.6558, 29.0211, 73.2119
YIQ	132.5930, 64.9050, 95.7930

Conversions

Conversions Part 2

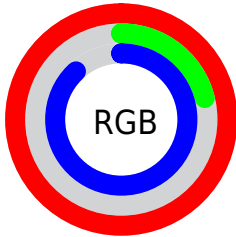
Format	Color
R_{YB}	254, 53, 224
Decimal	16659936
CIE _{Lab}	60.80, 87.27, -42.80
CIE _{LCh}	61, 97.201, 333.875
Yxy	29.0211, 0.3525, 0.1838
Android (android.graphics.Color)	4294850016 (0xFFFE35E0)
YUV	132.5930, 45.0637, 106.4739
Hunter-Lab	53.8712, 90.1385, -42.8663

Details

The YIQ color **132.5930, 64.9050, 95.7930** 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 **174.4070, -64.9050, -95.7930**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.9290, 36.5750, 69.5590**, and **76.8590, 61.1000, 93.1640** is the 20% darker color. If you saturate the color by 10%, you get **117.4620, 73.0640, 107.6240**, and if you desaturate by 10%, it is **147.7240, 56.7460, 83.9620**.

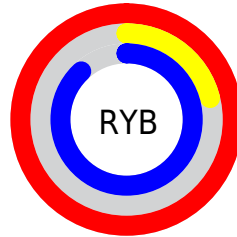
Distribution



Red (100%)

Green (21%)

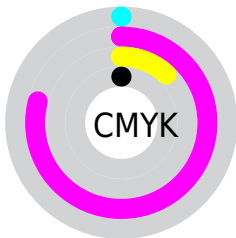
Blue (88%)



Red (100%)

Yellow (21%)

Blue (88%)

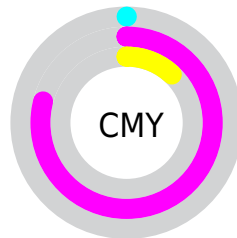


Cyan (0%)

Magenta (79%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.5930, 64.9050, 95.7930 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 132.5930, 64.9050, 95.7930 by changing the saturation by 10% instead.


 132.5930, 64.9050,
95.7930


 132.5930, 64.9050,
95.7930


255.0000, -0.0000,
-0.0000


 89.0210, 69.9920,
108.2320


 176.9290, 36.5750,
69.5590


 76.8590, 61.1000,
93.1640


 195.1260, 28.0500,
53.3460


 64.8110, 51.8870,
78.4070


 213.3230, 19.5250,
37.1330

 52.8770, 42.3530,
63.9610

 230.9330, 11.2750,
21.4430

 41.3560, 33.0940,
50.0380

 249.1300, 2.7500,
5.2300

 30.5470, 24.7060,
36.8500

 18.9550, 14.2090,

23.3370

■ 2.5790, -5.8240,
6.4320

■ 0.0000, 0.0000,
0.0000

■ 132.5930, 64.9050,
95.7930

■ 132.5930, 64.9050,
95.7930

■ 117.4620, 73.0640,
107.6240

■ 147.7240, 56.7460,
83.9620

■ 101.7440, 81.4980,
119.9780

■ 163.4420, 48.3120,
71.6080

■ 100.5700, 82.0480,
121.0240

■ 178.4590, 40.4740,
59.4660

■ 194.1770, 32.0400,
47.1120

■ 209.3080, 23.8810,
35.2810

■ 224.4390, 15.7220,
23.4500

■ 240.1570, 7.2880,
11.0960

254.5870, -0.2750,
-0.5230

254.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



142.5990, -24.6300, 49.9140



132.5930, 64.9050, 95.7930



92.2050, 107.0400, 97.6000

Triad

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



132.5930, 64.9050, 95.7930



136.5210, 59.7030, -41.2650



134.3080, -127.4110, -20.2350

Complementary

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



132.5930, 64.9050, 95.7930



174.4070, -64.9050, -95.7930

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.



124.6180, -100.1260, -46.6700



132.5930, 64.9050, 95.7930



119.8560, -2.4170, -71.8650

Square

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



132.5930, 64.9050, 95.7930



135.7210, 110.1310, -8.0210



111.0810, -68.8980, -72.9780



131.7950, -129.9800, -12.2200

Rectangle

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



132.5930, 64.9050, 95.7930



92.2780, 121.9910, 74.4310



111.0810, -68.8980, -72.9780



131.2300, -118.7440, -28.6320

Sweetspot

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



132.5930, 64.9050, 95.7930



218.1670, 19.6640, 29.1040



83.9870, -48.4290, 68.2350



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.



132.5930, 64.9050, 95.7930



108.8420, 78.1060, 115.3700



121.5350, 96.0420, 65.6260



120.1410, 4.2170, 6.1770



75.6910, 61.5130, 91.1850



25.2920, 20.8100, 30.3620

Inverse Universe

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



132.5930, 64.9050, 95.7930



108.8420, 78.1060, 115.3700



185.4650, -96.0420, -65.6260



120.1410, 4.2170, 6.1770



75.6910, 61.5130, 91.1850



25.2920, 20.8100, 30.3620

Previews

White Background



This preview shows how the YIQ color 132.5930, 64.9050, 95.7930 looks on a white background.

Color Contrast Check

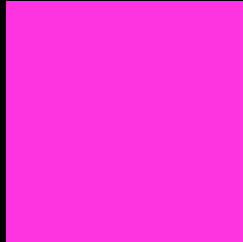
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.5930, 64.9050, 95.7930 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 132.5930, 64.9050, 95.7930

Background



This preview shows how black text looks on a background with the YIQ color 132.5930, 64.9050, 95.7930.



This preview shows how white text looks on a background with the YIQ color 132.5930, 64.9050,

95.7930.

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

132.5930, 64.9050, 95.7930

Protanopia

141.4160, -64.5600, 24.6560

Deuteranopia

146.0490, -36.0860, 15.2260



Tritanopia

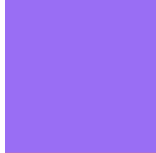
142.1530, 84.1730, 32.9170

Trichromacy



Original Color

132.5930, 64.9050, 95.7930



Protanomaly

138.1330, -17.3860, 50.7900



Deuteranomaly

140.8990, 0.5880, 44.4280



Tritanomaly

138.8590, 77.1540, 55.5060

Monochromacy



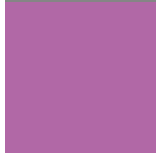
Original Color

132.5930, 64.9050, 95.7930



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.8950, 23.6060, 34.7580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.5930, 64.9050, 95.7930 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(254, 53, 224)` looks like.

```
.text, #text, p{  
    color:rgb(254, 53, 224)  
}
```

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(254, 53, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 53, 224) }
```

Border

The CSS property to change the border of an element to YIQ 132.5930, 64.9050, 95.7930 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(254, 53, 224) }
```


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

```
.border{ border-color:rgb(254, 53, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 53, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 53, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 53, 224);  
box-shadow:4px 4px 4px 4px rgb(254, 53,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 132.5930, 64.9050, 95.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 53, 224) }
```

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

```
.background{ background-color: rgb(254, 53,  
224) }
```

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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