

Converting Colors

YIQ(110.1730, 83.7030, 96.5270)

Have a look what the booklet for
YIQ(110.1730, 83.7030, 96.5270)
contains.

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Color

**YIQ(110.1730, 83.7030,
96.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	FA19B6
RGB	250, 25, 182
RGB Percent	98%, 10%, 71%
CMY	0.0190, 0.9022, 0.2861
CMYK	0.00, 0.90, 0.27, 0.02
HSL	318°, 96%, 54%
HSV	318°, 90%, 98%
XYZ	48.2769, 24.4247, 46.4550
YIQ	110.1730, 83.7030, 96.5270

Conversions

Conversions Part 2

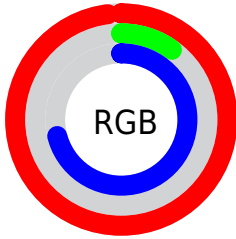
Format	Color
R _Y B	250, 25, 182
Decimal	16390582
CIE _{Lab}	56.51, 86.39, -25.55
CIE _{LCh}	57, 90.089, 343.527
Yxy	24.4247, 0.4052, 0.2050
Android (android.graphics.Color)	4294580662 (0xFFFA19B6)
YUV	110.1730, 35.4107, 122.6283
Hunter-Lab	49.4213, 87.8791, -21.1364

Details

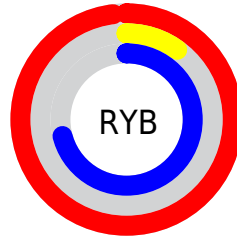
The YIQ color **110.1730, 83.7030, 96.5270** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **164.8270, -83.7030, -96.5270**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1860, 46.1570, 72.1170**, and **70.9180, 70.6390, 79.9750** is the 20% darker color. If you saturate the color by 10%, you get **94.7000, 92.8250, 107.4250**, and if you desaturate by 10%, it is **125.7600, 74.2600, 85.9400**.

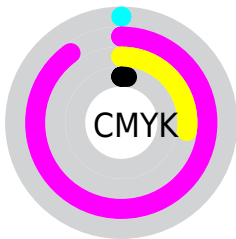
Distribution



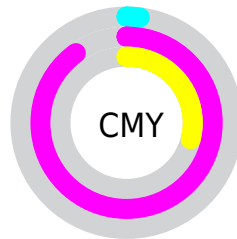
- Red (98%)
- Green (10%)
- Blue (71%)



- Red (98%)
- Yellow (10%)
- Blue (71%)



- Cyan (0%)
- Magenta (90%)
- Yellow (27%)
- Black (2%)





- Cyan (2%)
- Magenta (90%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.1730, 83.7030, 96.5270 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 110.1730, 83.7030, 96.5270 by changing the saturation by 10% instead.


 110.1730, 83.7030,
96.5270


 110.1730, 83.7030,
96.5270


255.0000, -0.0000,
-0.0000


 83.1510, 80.7690,
94.6330


 166.1860, 46.1570,
72.1170


 70.9180, 70.6390,
79.9750


 186.3210, 32.1750,
61.1910

 59.0980, 60.7840,
65.8400


 204.5180, 23.6500,
44.9780

 47.2780, 50.9290,
51.7050

 222.7150, 15.1250,
28.7650

 35.6860, 40.4320,
38.1920

 240.3250, 6.8750,
13.0750

 24.8060, 30.8060,
25.4140

 12.7580, 21.5930,

10.6570

■ 0.0000, 0.0000,
0.0000

■ 110.1730, 83.7030,
96.5270

■ 110.1730, 83.7030,
96.5270

■ 94.7000, 92.8250,
107.4250

■ 125.7600, 74.2600,
85.9400

■ 141.2330, 65.1380,
75.0420

■ 156.8200, 55.6950,
64.4550

■ 172.2930, 46.5730,
53.5570

■ 187.8800, 37.1300,
42.9700

■ 203.3530, 28.0080,
32.0720

■ 218.9400, 18.5650,
21.4850

■ 234.5270, 9.1220,
10.8980

■ 250.0000, 0.0000,
0.0000

Harmonies

Analogous

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



136.7260, 0.5380, 67.3700



110.1730, 83.7030, 96.5270



88.1010, 118.5960, 86.4040

Triad

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



110.1730, 83.7030, 96.5270



123.4090, 39.3470, -46.8050



125.1440, -123.6530, -11.2450

Complementary

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



110.1730, 83.7030, 96.5270



164.8270, -83.7030, -96.5270

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.



117.9960, -100.7700, -34.9940



110.1730, 83.7030, 96.5270



92.7460, -43.4500, -82.6340

Square

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



110.1730, 83.7030, 96.5270



127.5930, 86.7040, -18.4800



106.8870, -73.6230, -58.9270



121.2290, -125.0300, -2.8060

Rectangle

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



110.1730, 83.7030, 96.5270



111.6370, 121.2170, 44.3930



106.8870, -73.6230, -58.9270



123.8100, -117.1410, -19.1330

Sweetspot

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



110.1730, 83.7030, 96.5270



212.1030, 25.7160, 29.5560



70.9820, -31.6970, 84.3910



102.4510, 15.4480, 17.4000



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.



110.1730, 83.7030, 96.5270



96.5370, 94.8420, 109.4180



97.4050, 119.6550, 61.6950



116.9130, 4.8590, 5.5550



71.5590, 70.2720, 81.1200



23.1410, 22.5530, 26.3050

Inverse Universe

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



110.1730, 83.7030, 96.5270



96.5370, 94.8420, 109.4180



177.5950, -119.6550, -61.6950



116.9130, 4.8590, 5.5550



71.5590, 70.2720, 81.1200



23.1410, 22.5530, 26.3050

Previews

White Background



This preview shows how the YIQ color 110.1730, 83.7030, 96.5270 looks on a white background.

Color Contrast Check

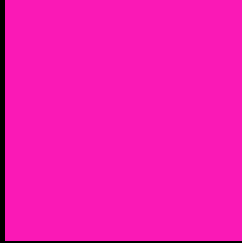
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.1730, 83.7030, 96.5270 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 110.1730, 83.7030, 96.5270

Background



This preview shows how black text looks on a background with the YIQ color 110.1730, 83.7030, 96.5270.



This preview shows how white text looks on a background with the YIQ color 110.1730, 83.7030,

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

110.1730, 83.7030, 96.5270

Protanopia

127.7830, -75.8390, 25.3210

Deuteranopia

136.9190, -12.4730, 11.2950



Tritanopia

124.6880, 98.8440, 36.8600

Trichromacy



Original Color

110.1730, 83.7030, 96.5270



Protanomaly

121.2470, -17.7070, 51.1010



Deuteranomaly

127.3390, 22.5960, 42.0520



Tritanomaly

119.3510, 93.3840, 58.7280

Monochromacy



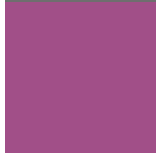
Original Color

110.1730, 83.7030, 96.5270



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.0160, 30.5750, 35.1110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.1730, 83.7030, 96.5270 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(250, 25, 182)` looks like.

```
.text, #text, p{  
    color:rgb(250, 25, 182)  
}
```

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(250, 25, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 25, 182) }
```

Border

The CSS property to change the border of an element to YIQ 110.1730, 83.7030, 96.5270 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(250, 25, 182) }
```


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

```
.border{ border-color:rgb(250, 25, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 25, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 25, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 25, 182);  
box-shadow:4px 4px 4px 4px rgb(250, 25,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 110.1730, 83.7030, 96.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 25, 182) }
```

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

```
.background{ background-color: rgb(250, 25,  
182) }
```

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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