

Converting Colors

YIQ(110.9330, 75.4510, 91.8910)

Have a look what the booklet for
YIQ(110.9330, 75.4510, 91.8910)
contains.

YIQ(110.9330, 75.4510, 91.8910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(110.9330, 75.4510,
91.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	F01FB8
RGB	240, 31, 184
RGB Percent	94%, 12%, 72%
CMY	0.0582, 0.8787, 0.2782
CMYK	0.00, 0.87, 0.23, 0.06
HSL	316°, 88%, 53%
HSV	316°, 87%, 94%
XYZ	45.1308, 22.9898, 47.4316
YIQ	110.9330, 75.4510, 91.8910

Conversions

Conversions Part 2

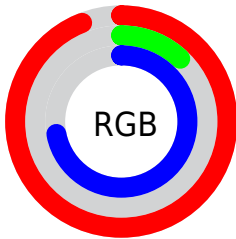
Format	Color
R _Y B	240, 31, 184
Decimal	15736760
CIE _{Lab}	55.06, 83.77, -29.09
CIE _{LCh}	55, 88.682, 340.850
Yxy	22.9898, 0.3906, 0.1990
Android (android.graphics.Color)	4293926840 (0xFFFF01FB8)
YUV	110.9330, 36.0220, 113.1918
Hunter-Lab	47.9476, 84.1050, -25.0885

Details

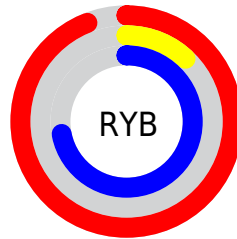
The YIQ color **110.9330, 75.4510, 91.8910** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **160.0670, -75.4510, -91.8910**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.4140, 45.5150, 72.7390**, and **68.4550, 64.6330, 78.6890** is the 20% darker color. If you saturate the color by 10%, you get **96.1610, 83.9770, 102.5770**, and if you desaturate by 10%, it is **125.7050, 66.9250, 81.2050**.

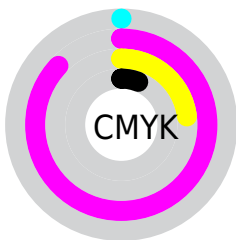
Distribution



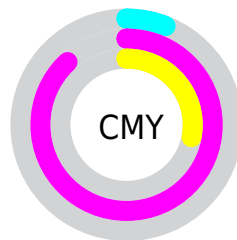
- Red (94%)
- Green (12%)
- Blue (72%)



- Red (94%)
- Yellow (12%)
- Blue (72%)



- Cyan (0%)
- Magenta (87%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (88%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.9330, 75.4510, 91.8910 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 110.9330, 75.4510, 91.8910 by changing the saturation by 10% instead.


 110.9330, 75.4510,
91.8910


 110.9330, 75.4510,
91.8910


255.0000, -0.0000,
-0.0000


 80.3890, 74.1670,
93.1350


 166.4140, 45.5150,
72.7390


 68.4550, 64.6330,
78.6890


 186.3210, 32.1750,
61.1910


 56.5210, 55.0990,
64.2430


 204.5180, 23.6500,
44.9780

 45.1140, 45.5190,
50.6310

 222.1280, 15.4000,
29.2880

 33.7070, 35.9390,
37.0190

 240.3250, 6.8750,
13.0750

 22.5280, 25.7170,
24.0290

 10.5940, 16.1830,

9.5830

■ 0.0000, 0.0000,
0.0000

■ 110.9330, 75.4510,
91.8910

■ 110.9330, 75.4510,
91.8910

■ 96.1610, 83.9770,
102.5770

■ 125.7050, 66.9250,
81.2050

■ 91.8240, 86.5440,
105.6160

■ 140.5910, 58.0780,
70.8300

■ 155.3630, 49.5520,
60.1440

■ 170.2490, 40.7050,
49.7690

■ 185.0210, 32.1790,
39.0830

199.9070, 23.3320,
28.7080

214.6790, 14.8060,
18.0220

229.5650, 5.9590,
7.6470

244.3370, -2.5670,
-3.0390

Harmonies

Analogous

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



133.6000, -8.0350, 63.0450



110.9330, 75.4510, 91.8910



88.5570, 117.3120, 87.6480

Triad

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



110.9330, 75.4510, 91.8910



121.3710, 42.5100, -43.5540



121.5420, -119.0220, -12.5740

Complementary

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



110.9330, 75.4510, 91.8910



160.0670, -75.4510, -91.8910

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.



114.3940, -96.1390, -36.3230



110.9330, 75.4510, 91.8910



98.4820, -24.7910, -73.8710

Square

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



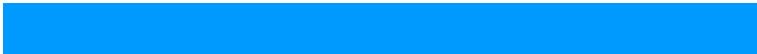
110.9330, 75.4510, 91.8910



123.4840, 88.6290, -14.8190



103.2850, -68.9920, -60.2560



119.4680, -124.2050, -1.2370

Rectangle

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



110.9330, 75.4510, 91.8910



106.6250, 121.4910, 50.4430



103.2850, -68.9920, -60.2560



119.5070, -111.9140, -20.2500

Sweetspot

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



110.9330, 75.4510, 91.8910



214.2060, 23.9280, 28.9200



71.5700, -33.7130, 76.8710



103.2660, 14.5310, 17.4990



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.



110.9330, 75.4510, 91.8910



97.5630, 91.9530, 112.2170



99.0770, 108.8350, 59.5470



112.6140, 4.2630, 5.3430



70.2920, 66.6500, 80.6820



21.4180, 20.2150, 24.6230

Inverse Universe

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



110.9330, 75.4510, 91.8910



97.5630, 91.9530, 112.2170



171.9230, -108.8350, -59.5470



112.6140, 4.2630, 5.3430



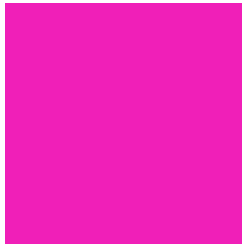
70.2920, 66.6500, 80.6820



21.4180, 20.2150, 24.6230

Previews

White Background



This preview shows how the YIQ color 110.9330, 75.4510, 91.8910 looks on a white background.

Color Contrast Check

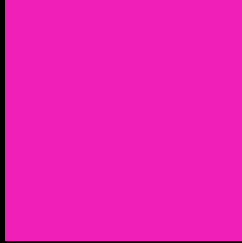
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.9330, 75.4510, 91.8910 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 110.9330, 75.4510, 91.8910

Background



This preview shows how black text looks on a background with the YIQ color 110.9330, 75.4510, 91.8910.



This preview shows how white text looks on a background with the YIQ color 110.9330, 75.4510,

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

110.9330, 75.4510, 91.8910

Protanopia

121.8470, -81.8910, 24.8690

Deuteranopia

132.8090, -17.9750, 11.8890



Tritanopia

123.8010, 91.0960, 34.1040

Trichromacy



Original Color

110.9330, 75.4510, 91.8910



Protanomaly

118.0720, -24.5840, 49.0800



Deuteranomaly

124.9900, 16.2690, 41.0770



Tritanomaly

118.9370, 85.6820, 55.1380

Monochromacy



Original Color

110.9330, 75.4510, 91.8910



Achromatopsia

111.0000, -0.0000, 0.0000



Achromatomaly

111.1080, 27.3200, 33.5280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.9330, 75.4510, 91.8910 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(240, 31, 184)` looks like.

```
.text, #text, p{  
    color:rgb(240, 31, 184)  
}
```

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(240, 31, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 31, 184) }
```

Border

The CSS property to change the border of an element to YIQ 110.9330, 75.4510, 91.8910 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(240, 31, 184) }
```


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

```
.border{ border-color:rgb(240, 31, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 31, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 31, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 31, 184);  
box-shadow:4px 4px 4px 4px rgb(240, 31,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 110.9330, 75.4510, 91.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 31, 184) }
```

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

```
.background{ background-color: rgb(240, 31,  
184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor