

Converting Colors

YIQ(113.7370, 82.2350,
101.1070)

Have a look what the booklet for
YIQ(113.7370, 82.2350, 101.1070)
contains.

YIQ(113.7370, 82.2350, 101.1070)	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(113.7370, 82.2350,
101.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1AC3
RGB	255, 26, 195
RGB Percent	100%, 10%, 76%
CMY	0.0000, 0.8983, 0.2351
CMYK	0.00, 0.90, 0.24, 0.00
HSL	316°, 100%, 55%
HSV	316°, 90%, 100%
XYZ	51.4632, 25.9369, 53.9532
YIQ	113.7370, 82.2350, 101.1070

Conversions

Conversions Part 2

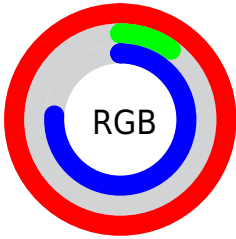
Format	Color
R_{YB}	255, 26, 195
Decimal	16718531
CIE _{Lab}	57.98, 88.66, -30.72
CIE _{LCh}	58, 93.830, 340.891
Yxy	25.9369, 0.3918, 0.1975
Android (android.graphics.Color)	4294908611 (0xFFFF1AC3)
YUV	113.7370, 40.0627, 123.8877
Hunter-Lab	50.9283, 91.2503, -27.1617

Details

The YIQ color **113.7370, 82.2350, 101.1070** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **167.2630, -82.2350, -101.1070**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3690, 41.3880, 75.9480**, and **73.7810, 69.7670, 84.7670** is the 20% darker color. If you saturate the color by 10%, you get **97.6770, 91.6320, 112.5280**, and if you desaturate by 10%, it is **129.2100, 73.1130, 90.2090**.

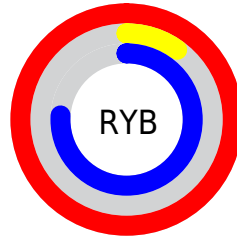
Distribution



Red (100%)

Green (10%)

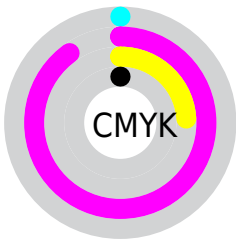
Blue (76%)



Red (100%)

Yellow (10%)

Blue (76%)

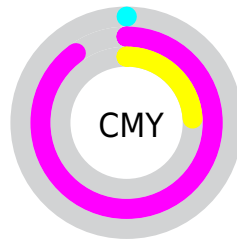


Cyan (0%)

Magenta (90%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.7370, 82.2350, 101.1070 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 113.7370, 82.2350, 101.1070 by changing the saturation by 10% instead.


 113.7370, 82.2350,
101.1070

 113.7370, 82.2350,
101.1070


255.0000, -0.0000,
-0.0000


 86.1280, 79.5760,
99.7360


 168.3690, 41.3880,
75.9480


 73.7810, 69.7670,
84.7670


 187.4950, 31.6250,
60.1450


 61.8470, 60.2330,
70.3210


 205.6920, 23.1000,
43.9320

 50.0270, 50.3780,
56.1860

 223.8890, 14.5750,
27.7190

 38.3210, 40.2020,
42.3620

 242.0860, 6.0500,
11.5060

 27.4410, 30.5760,
29.5840

 15.6640, 19.1620,

16.1700

■ 0.0000, 0.0000,
0.0000

■ 113.7370, 82.2350,
101.1070

■ 113.7370, 82.2350,
101.1070

■ 97.6770, 91.6320,
112.5280

■ 129.2100, 73.1130,
90.2090

■ 145.1560, 64.0370,
78.4770

■ 160.6290, 54.9150,
67.5790

■ 176.6890, 45.5180,
56.1580

■ 192.0480, 36.7170,
44.9490

■ 208.1080, 27.3200,
33.5280

■ 223.5810, 18.1980,
22.6300

■ 239.5270, 9.1220,
10.8980

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



139.2090, -5.3760, 64.4160



113.7370, 82.2350, 101.1070



89.2410, 115.3860, 89.5140

Triad

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



113.7370, 82.2350, 101.1070



128.1600, 44.4820, -46.2540



129.0080, -126.2660, -13.4500

Complementary

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



113.7370, 82.2350, 101.1070



167.2630, -82.2350, -101.1070

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.



120.7030, -101.5030, -38.2310



113.7370, 82.2350, 101.1070



102.2700, -30.2460, -79.6380

Square

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



113.7370, 82.2350, 101.1070



130.5940, 94.1310, -15.4130



109.0240, -72.7510, -63.7190



124.7510, -126.6800, -5.9440

Rectangle

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



113.7370, 82.2350, 101.1070



106.0920, 121.6740, 52.6340



109.0240, -72.7510, -63.7190



126.8590, -118.8370, -21.4370

Sweetspot

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



113.7370, 82.2350, 101.1070



212.4450, 24.7530, 30.4890



69.1490, -39.5370, 83.3030



102.6790, 14.8060, 18.0220



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.



113.7370, 82.2350, 101.1070



97.6770, 91.6320, 112.5280



100.9690, 118.1870, 66.2750



119.9130, 4.8590, 5.5550



73.1830, 68.5750, 84.3430



24.4940, 23.0570, 28.1850

Inverse Universe

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



113.7370, 82.2350, 101.1070



97.6770, 91.6320, 112.5280



180.0310, -118.1870, -66.2750



119.9130, 4.8590, 5.5550



73.1830, 68.5750, 84.3430



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 113.7370, 82.2350, 101.1070 looks on a white background.

Color Contrast Check

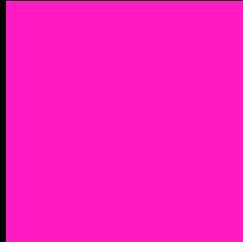
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.7370, 82.2350, 101.1070 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 113.7370, 82.2350, 101.1070

Background



This preview shows how black text looks on a background with the YIQ color 113.7370, 82.2350, 101.1070.



This preview shows how white text looks on a background with the YIQ color 113.7370, 82.2350,

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

113.7370, 82.2350, 101.1070

Protanopia

132.8220, -71.5750, 25.1370

Deuteranopia

140.1510, -18.9380, 12.8220



Tritanopia

130.0900, 97.6520, 36.4360

Trichromacy



Original Color

113.7370, 82.2350, 101.1070



Protanomaly

125.9700, -15.3690, 52.7830



Deuteranomaly

130.5820, 17.5980, 44.5260



Tritanomaly

123.8070, 92.1000, 59.9720

Monochromacy



Original Color

113.7370, 82.2350, 101.1070



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.7710, 29.8870, 36.5670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7370, 82.2350, 101.1070 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(255, 26, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 195)  
}
```

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(255, 26, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 195) }
```

Border

The CSS property to change the border of an element to YIQ 113.7370, 82.2350, 101.1070 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(255, 26, 195) }
```


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

```
.border{ border-color:rgb(255, 26, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 26, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7370, 82.2350, 101.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 195) }
```

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

```
.background{ background-color: rgb(255, 26,  
195) }
```

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