

Converting Colors

YIQ(119.6340, 100.0770,
64.0850)

Have a look what the booklet for
YIQ(119.6340, 100.0770, 64.0850)
contains.

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Color

**YIQ(119.6340, 100.0770,
64.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3376
RGB	255, 51, 118
RGB Percent	100%, 20%, 46%
CMY	0.0000, 0.8003, 0.5369
CMYK	0.00, 0.80, 0.54, 0.00
HSL	340°, 100%, 60%
HSV	340°, 80%, 100%
XYZ	45.6953, 24.9303, 19.5706
YIQ	119.6340, 100.0770, 64.0850

Conversions

Conversions Part 2

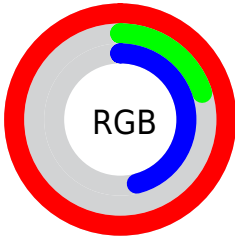
Format	Color
R_{YB}	255, 51, 118
Decimal	16724854
CIE _{Lab}	57.01, 77.01, 13.01
CIE _{LCh}	57, 78.098, 9.586
Yxy	24.9303, 0.5066, 0.2764
Android (android.graphics.Color)	4294914934 (0xFFFF3376)
YUV	119.6340, -0.8056, 118.7160
Hunter-Lab	49.9302, 75.9824, 11.7119

Details

The YIQ color **119.6340, 100.0770, 64.0850** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **186.3660, -100.0770, -64.0850**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **164.8910, 64.9600, 45.2160**, and **65.0890, 91.3660, 62.2620** is the 20% darker color. If you saturate the color by 10%, you get **102.4340, 112.6840, 72.3960**, and if you desaturate by 10%, it is **136.2470, 87.7450, 56.2970**.

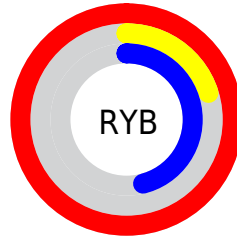
Distribution



Red (100%)

Green (20%)

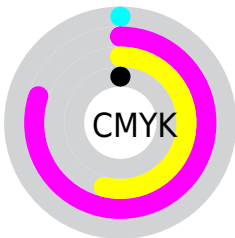
Blue (46%)



Red (100%)

Yellow (20%)

Blue (46%)

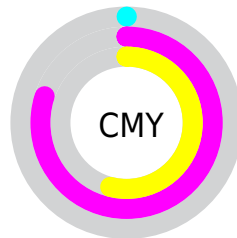


Cyan (0%)

Magenta (80%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.6340, 100.0770, 64.0850 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 119.6340, 100.0770, 64.0850 by changing the saturation by 10% instead.


 119.6340,
100.0770, 64.0850


 119.6340,
100.0770, 64.0850


255.0000, -0.0000,
-0.0000


 77.3930, 102.7340,
76.5100


 164.8910, 64.9600,
45.2160


 65.0890, 91.3660,
62.2620


 185.5790, 48.0430,
37.9230


 53.4260, 79.6310,
49.1590


 206.3810, 30.8050,
30.9410

 41.7630, 67.8960,
36.0560

 227.1830, 13.5670,
23.9590

 29.5300, 57.7660,
21.3980

 245.0210, 4.6750,
8.8910

 20.6740, 39.5650,
15.3490

 10.5790, 20.5390,

7.7310

■ 0.0000, 0.0000,
0.0000

■ 119.6340,
100.0770, 64.0850

■ 119.6340,
100.0770, 64.0850

■ 102.4340,
112.6840, 72.3960

■ 136.2470, 87.7450,
56.2970

■ 85.8210, 125.0160,
80.1840

■ 153.4470, 75.1380,
47.9860

■ 170.0600, 62.8060,
40.1980

■ 187.3740, 49.8780,
32.1980

■ 203.9870, 37.5460,
24.4100

■ 221.1870, 24.9390,
16.0990

■ 237.8000, 12.6070,
8.3110

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.



130.7870, 60.4620, 71.6780



119.6340, 100.0770, 64.0850



125.8330, 105.2650, 25.1130

Triad

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



119.6340, 100.0770, 64.0850



111.6050, -2.9680, -67.3840



121.2290, -125.0300, -2.8060

Complementary

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



119.6340, 100.0770, 64.0850



186.3660, -100.0770, -64.0850

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.



122.2770, -116.9580, -16.9420



119.6340, 100.0770, 64.0850



106.0720, -72.7060, -59.0260

Square

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



119.6340, 100.0770, 64.0850



126.4210, 48.2410, -42.7910



115.4540, -96.3680, -37.6800



110.0760, -119.8050, 7.1310

Rectangle

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



119.6340, 100.0770, 64.0850



126.8170, 101.0530, -8.6990



115.4540, -96.3680, -37.6800



123.5770, -126.1300, -4.8980

Sweetspot

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



119.6340, 100.0770, 64.0850



214.5190, 29.9360, 19.1520



114.9200, 15.5720, 92.2760



103.4310, 18.2000, 11.5760



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.



119.6340, 100.0770, 64.0850



92.4890, 120.0190, 77.1310



131.9540, 112.2340, 25.4660



119.3430, 6.4640, 4.0000



64.2910, 93.6130, 60.0850



21.5300, 31.4030, 20.0990

Inverse Universe

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



119.6340, 100.0770, 64.0850



92.4890, 120.0190, 77.1310



174.0460, -112.2340, -25.4660



119.3430, 6.4640, 4.0000



64.2910, 93.6130, 60.0850



21.5300, 31.4030, 20.0990

Previews

White Background



This preview shows how the YIQ color 119.6340, 100.0770, 64.0850 looks on a white background.

Color Contrast Check

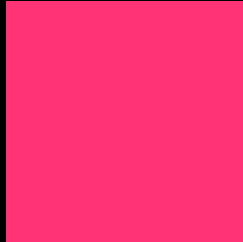
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.6340, 100.0770, 64.0850 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 119.6340, 100.0770, 64.0850

Background



This preview shows how black text looks on a background with the YIQ color 119.6340, 100.0770, 64.0850.



This preview shows how white text looks on a background with the YIQ color 119.6340, 100.0770, 64.0850.

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

119.6340, 100.0770, 64.0850

Protanopia

137.6540, -10.4090, 6.9270

Deuteranopia

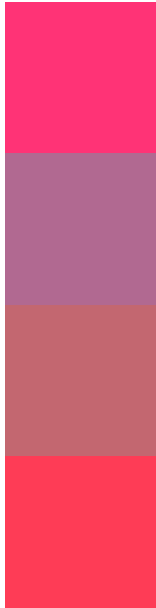
137.6360, 24.3920, -1.5280



Tritanopia

121.4400, 111.4060, 40.4780

Trichromacy



Original Color

119.6340, 100.0770, 64.0850

Protanomaly

131.0880, 30.0720, 27.7040

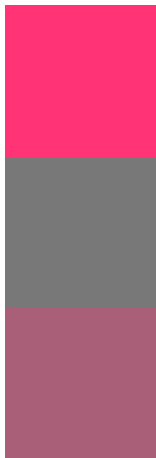
Deuteranomaly

131.5340, 51.9430, 22.3030

Tritanomaly

120.9700, 107.2780, 49.2140

Monochromacy



Original Color

119.6340, 100.0770, 64.0850

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8620, 36.4000, 23.1520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.6340, 100.0770, 64.0850 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, 51, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 118)  
}
```

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, 51, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 118) }
```

Border

The CSS property to change the border of an element to YIQ 119.6340, 100.0770, 64.0850 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, 51, 118) }
```


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

```
.border{ border-color:rgb(255, 51, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 119.6340, 100.0770, 64.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 118) }
```

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

```
.background{ background-color: rgb(255, 51,  
118) }
```

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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