

# Converting Colors

YIQ(118.7730, 106.6350,  
55.3630)

Have a look what the booklet for  
YIQ(118.7730, 106.6350, 55.3630)  
contains.

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# Color

**YIQ(118.7730, 106.6350,  
55.3630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF365F
RGB	255, 54, 95
RGB Percent	100%, 21%, 37%
CMY	0.0000, 0.7885, 0.6271
CMYK	0.00, 0.79, 0.63, 0.00
HSL	348°, 100%, 61%
HSV	348°, 79%, 100%
XYZ	44.6253, 24.7185, 13.2694
YIQ	118.7730, 106.6350, 55.3630

# Conversions

## Conversions Part 2

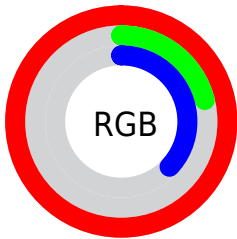
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 54, 95
Decimal	16725599
CIE Lab	56.80, 74.82, 26.36
CIE LCh	57, 79.327, 19.408
Yxy	24.7185, 0.5402, 0.2992
Android (android.graphics.Color)	4294915679 (0xFFFF365F)
YUV	118.7730, -11.7201, 119.4711
Hunter-Lab	49.7177, 73.2109, 18.9782

# Details

The YIQ color **118.7730, 106.6350, 55.3630** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **190.2270, -106.6350, -55.3630**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.6280, 72.7100, 36.9180**, and **62.6950, 98.1070, 55.7310** is the 20% darker color. If you saturate the color by 10%, you get **101.2310, 120.2050, 62.7410**, and if you desaturate by 10%, it is **135.7280, 93.3400, 48.5080**.

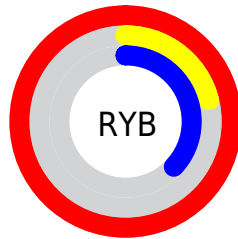
# Distribution



Red (100%)

Green (21%)

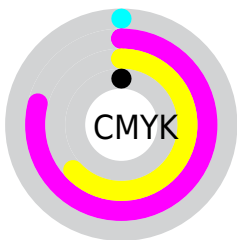
Blue (37%)



Red (100%)

Yellow (21%)

Blue (37%)

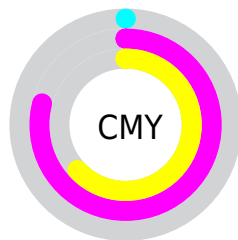


Cyan (0%)

Magenta (79%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (79%)


Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 118.7730, 106.6350, 55.3630 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 118.7730, 106.6350, 55.3630 by changing the saturation by 10% instead.





 118.7730,  
106.6350, 55.3630


 118.7730,  
106.6350, 55.3630


255.0000, -0.0000,  
-0.0000


 74.8850, 109.7960,  
69.6680


 162.6280, 72.7100,  
36.9180


 62.8090, 97.7860,  
56.0420


 183.3160, 55.7930,  
29.6250


 50.8470, 85.4550,  
42.7270


 204.0040, 38.8760,  
22.3320

 38.5430, 74.0870,  
28.4790

 224.8060, 21.6380,  
15.3500

 28.9320, 56.5740,  
20.9740

 245.6080, 4.4000,  
8.3680

 20.0760, 38.3730,  
14.9250

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,  
0.0000

■ 118.7730,  
106.6350, 55.3630

■ 118.7730,  
106.6350, 55.3630

■ 101.2310,  
120.2050, 62.7410

■ 135.7280, 93.3400,  
48.5080

■ 84.2760, 133.5000,  
69.5960

■ 153.3840, 79.4490,  
41.4410

■ 82.1730, 135.2880,  
70.2320

■ 170.3390, 66.1540,  
34.5860

■ 187.8810, 52.5840,  
27.2080

■ 204.8360, 39.2890,  
20.3530

■ 222.4920, 25.3980,  
13.2860

■ 239.4470, 12.1030,  
6.4310

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.



123.0620, 78.8010, 75.2250



118.7730, 106.6350, 55.3630



125.7490, 104.9010, 9.6770

# Triad

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



118.7730, 106.6350, 55.3630



96.9810, -53.9970, -73.2050



118.2940, -123.6550, -0.1910

# Complementary

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



118.7730, 106.6350, 55.3630



190.2270, -106.6350, -55.3630

# 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.



123.1550, -122.1860, -10.2980



118.7730, 106.6350, 55.3630



109.2810, -80.3640, -52.3960

# Square

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



118.7730, 106.6350, 55.3630



122.1800, 32.5620, -50.4940



118.0760, -103.7510, -30.5270



122.4340, -82.1660, 24.3460



# Rectangle

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



118.7730, 106.6350, 55.3630



128.2020, 89.3630, -17.1090



118.0760, -103.7510, -30.5270



121.2290, -125.0300, -2.8060

# Sweetspot

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



118.7730, 106.6350, 55.3630



213.6070, 32.5040, 16.6640



123.8570, 29.0510, 95.7950



102.8610, 19.8050, 10.0210



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.



118.7730, 106.6350, 55.3630



90.9440, 128.5030, 66.5430



147.5580, 104.1210, 12.8010



119.1150, 7.1060, 3.3780



61.5550, 101.3170, 52.6210



20.6180, 33.9710, 17.6110



# Inverse Universe

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



118.7730, 106.6350, 55.3630



90.9440, 128.5030, 66.5430



161.4420, -104.1210, -12.8010



119.1150, 7.1060, 3.3780



61.5550, 101.3170, 52.6210



20.6180, 33.9710, 17.6110



# Previews

## White Background



This preview shows how the YIQ color 118.7730, 106.6350, 55.3630 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

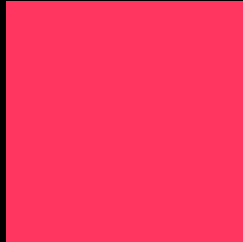
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 118.7730, 106.6350, 55.3630 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

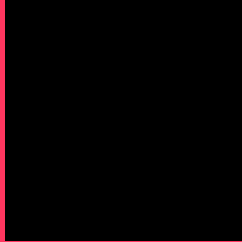
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 118.7730, 106.6350, 55.3630

## Background



This preview shows how black text looks on a background with the YIQ color 118.7730, 106.6350, 55.3630.



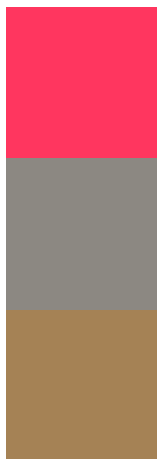
This preview shows how white text looks on a background with the YIQ color 118.7730, 106.6350,

55.3630.

# 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

118.7730, 106.6350, 55.3630

### Protanopia

136.5120, 4.3100, -1.0180

### Deuteranopia

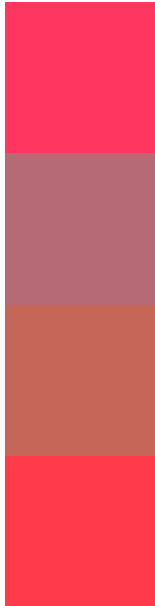
135.3350, 35.3050, -6.5750



## Tritanopia

118.9350, 114.3860, 41.5380

# Trichromacy



## Original Color

118.7730, 106.6350, 55.3630

## Protanomaly

129.9780, 41.7650, 19.5330

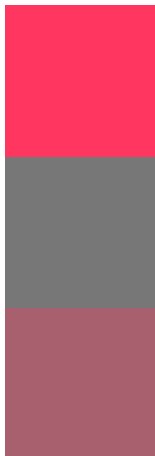
## Deuteranomaly

129.2220, 61.3890, 16.3090

## Tritanomaly

118.5420, 111.3590, 46.8390

# Monochromacy



## Original Color

118.7730, 106.6350, 55.3630

## Achromatopsia

119.0000, -0.0000, 0.0000

## Achromatomaly

118.5370, 38.6930, 20.1410

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 118.7730, 106.6350, 55.3630 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, 54, 95)` looks like.

```
.text, #text, p{  
  color:rgb(255, 54, 95)  
}
```

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, 54, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 95) }
```

## Border

The CSS property to change the border of an element to YIQ 118.7730, 106.6350, 55.3630 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, 54, 95) }
```



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

```
.border{ border-color:rgb(255, 54, 95) }
```

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

Here you see how a box with a 4 pixel rgb(255, 54, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
95) }
```

# Background

The CSS property to change the background color of an element to YIQ 118.7730, 106.6350, 55.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 95) }
```

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

```
.background{ background-color: rgb(255, 54,  
95) }
```

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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