

# Converting Colors

YIQ(103.3630, 111.4460,  
72.8060)

Have a look what the booklet for  
YIQ(103.3630, 111.4460, 72.8060)  
contains.

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# Color

**YIQ(103.3630, 111.4460,  
72.8060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1A68
RGB	255, 26, 104
RGB Percent	100%, 10%, 41%
CMY	0.0000, 0.8983, 0.5918
CMYK	0.00, 0.90, 0.59, 0.00
HSL	340°, 100%, 55%
HSV	340°, 90%, 100%
XYZ	44.1109, 22.9960, 15.2364
YIQ	103.3630, 111.4460, 72.8060

# Conversions

## Conversions Part 2

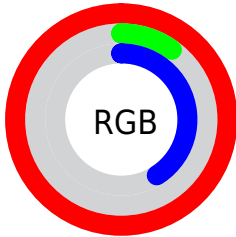
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	255, 26, 104
Decimal	16718440
CIELab	55.07, 80.79, 18.70
CIELCh	55, 82.921, 13.032
Yxy	22.9960, 0.5357, 0.2793
Android (android.graphics.Color)	4294908520 (0xFFFF1A68)
YUV	103.3630, 0.3140, 132.9856
Hunter-Lab	47.9541, 80.2746, 14.7297

# Details

The YIQ color **103.3630, 111.4460, 72.8060** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **177.6370, -111.4460, -72.8060**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5500, 73.3500, 47.3500**, and **63.4220, 94.6220, 58.3180** is the 20% darker color. If you saturate the color by 10%, you get **86.1630, 124.0530, 81.1170**, and if you desaturate by 10%, it is **119.9760, 99.1140, 65.0180**.

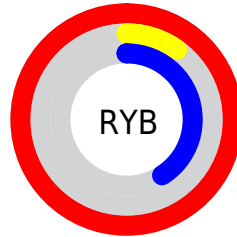
# Distribution



Red (100%)

Green (10%)

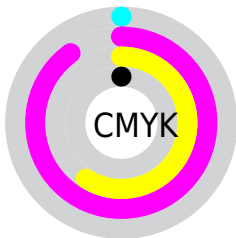
Blue (41%)



Red (100%)

Yellow (10%)

Blue (41%)

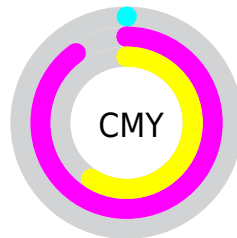


Cyan (0%)

Magenta (90%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (90%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 103.3630, 111.4460, 72.8060 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 103.3630, 111.4460, 72.8060 by changing the saturation by 10% instead.




 103.3630,  
111.4460, 72.8060


 103.3630,  
111.4460, 72.8060


255.0000, -0.0000,  
-0.0000

 75.7970, 107.2280,  
72.1560


 155.5500, 73.3500,  
47.3500


 63.4220, 94.6220,  
58.3180


 176.8250, 56.1580,  
39.5340


 51.7590, 82.8870,  
45.2150


 198.1000, 38.9660,  
31.7180

 39.9110, 70.2350,  
32.2110

 218.9020, 21.7280,  
24.7360

 29.0460, 56.2530,  
21.2850

 239.1510, 7.4250,  
14.1210

 19.7770, 37.7770,  
14.7130

 9.0840, 17.5590,

6.6710

■ 0.0000, 0.0000,  
0.0000

■ 103.3630,  
111.4460, 72.8060

■ 103.3630,  
111.4460, 72.8060

■ 86.1630, 124.0530,  
81.1170

■ 119.9760, 99.1140,  
65.0180

■ 137.1760, 86.5070,  
56.7070

■ 153.6750, 74.4960,  
48.6080

■ 170.8750, 61.8890,  
40.2970

■ 187.4880, 49.5570,  
32.5090

■ 204.6880, 36.9500,  
24.1980

■ 221.3010, 24.6180,  
16.4100

■ 238.3870, 12.3320,  
7.7880

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.



117.3420, 72.3810, 81.4450



103.3630, 111.4460, 72.8060



118.0630, 110.3090, 21.8050

# Triad

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



103.3630, 111.4460, 72.8060



99.3790, -23.0030, -73.2350



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.



103.3630, 111.4460, 72.8060



177.6370, -111.4460, -72.8060

# 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.



120.6130, -117.7840, -12.9840



103.3630, 111.4460, 72.8060



103.8380, -71.9270, -56.6230

# Square

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



103.3630, 111.4460, 72.8060



120.7620, 39.8510, -44.9250



113.5620, -96.5520, -34.3440



105.9670, -117.8800, 10.7920



# Rectangle

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



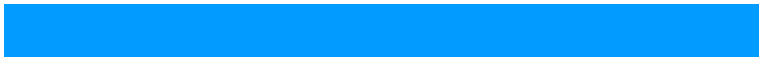
103.3630, 111.4460, 72.8060



122.6640, 97.1100, -8.8260



113.5620, -96.5520, -34.3440



120.6420, -124.7550, -2.2830

# Sweetspot

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



103.3630, 111.4460, 72.8060



209.3670, 33.4200, 22.0920



96.6570, 15.2950, 102.8070



100.8550, 19.9420, 13.0460



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.



103.3630, 111.4460, 72.8060



86.1630, 124.0530, 81.1170



114.4290, 127.1340, 30.7660



119.3430, 6.4640, 4.0000



64.5190, 92.9710, 60.7070



21.6440, 31.0820, 20.4100



# Inverse Universe

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



103.3630, 111.4460, 72.8060



86.1630, 124.0530, 81.1170



166.5710, -127.1340, -30.7660



119.3430, 6.4640, 4.0000



64.5190, 92.9710, 60.7070



21.6440, 31.0820, 20.4100



# Previews

## White Background



This preview shows how the YIQ color 103.3630, 111.4460, 72.8060 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

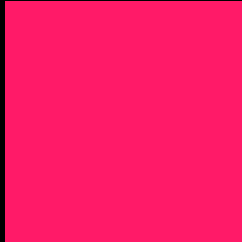
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 103.3630, 111.4460, 72.8060 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

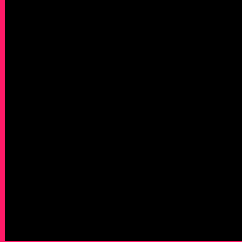
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 103.3630, 111.4460, 72.8060

## Background



This preview shows how black text looks on a background with the YIQ color 103.3630, 111.4460, 72.8060.



This preview shows how white text looks on a background with the YIQ color 103.3630, 111.4460,



# 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

103.3630, 111.4460, 72.8060

### Protanopia

132.7530, -6.3740, 5.3860

### Deuteranopia

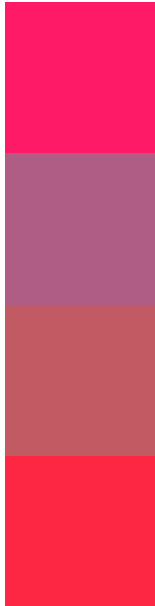
132.2080, 28.4730, -3.9030



## Tritanopia

108.4800, 123.0970, 43.3610

# Trichromacy



## Original Color

103.3630, 111.4460, 72.8060

## Protanomaly

122.0780, 36.0320, 29.8240

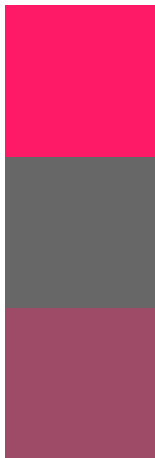
## Deuteranomaly

121.7090, 58.8200, 24.3240

## Tritanomaly

106.4770, 119.1520, 54.2880

# Monochromacy



## Original Color

103.3630, 111.4460, 72.8060

## Achromatopsia

103.0000, -0.0000, 0.0000

## Achromatomaly

103.0090, 40.4800, 26.3040

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 103.3630, 111.4460, 72.8060 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 104) }
```

## Border

The CSS property to change the border of an element to YIQ 103.3630, 111.4460, 72.8060 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, 104) }
```



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

```
.border{ border-color:rgb(255, 26, 104) }
```

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, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
104) }
```

# Background

The CSS property to change the background color of an element to YIQ 103.3630, 111.4460, 72.8060 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, 104) }
```

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

```
.background{ background-color: rgb(255, 26,  
104) }
```

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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