

Converting Colors

YIQ(111.1370, 63.9070, 36.7630)

Have a look what the booklet for
YIQ(111.1370, 63.9070, 36.7630)
contains.

YIQ(111.1370, 63.9070, 36.7630)	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(111.1370, 63.9070,
36.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	C34667
RGB	195, 70, 103
RGB Percent	76%, 27%, 40%
CMY	0.2350, 0.7257, 0.5958
CMYK	0.00, 0.64, 0.47, 0.23
HSL	344°, 51%, 52%
HSV	344°, 64%, 77%
XYZ	27.1646, 16.9671, 14.6905
YIQ	111.1370, 63.9070, 36.7630

Conversions

Conversions Part 2

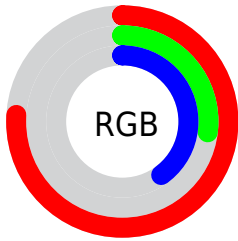
Format	Color
R_{YB}	195, 70, 103
Decimal	12797543
CIE _{Lab}	48.22, 52.55, 8.14
CIE _{LCh}	48, 53.174, 8.809
Yxy	16.9671, 0.4618, 0.2884
Android (android.graphics.Color)	4290987623 (0xFFC34667)
YUV	111.1370, -4.0115, 73.5479
Hunter-Lab	41.1911, 45.6322, 7.6885

Details

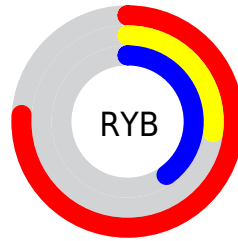
The YIQ color **111.1370, 63.9070, 36.7630** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **153.8630, -63.9070, -36.7630**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1760, 68.1710, 36.5790**, and **47.0480, 63.0800, 46.2480** is the 20% darker color. If you saturate the color by 10%, you get **97.8010, 73.9010, 42.8690**, and if you desaturate by 10%, it is **123.8860, 54.1880, 31.1800**.

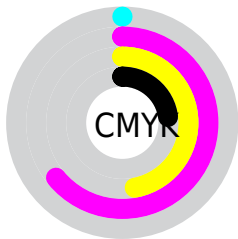
Distribution



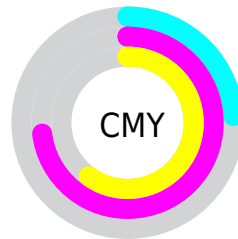
- Red (76%)
- Green (27%)
- Blue (40%)



- Red (76%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (64%)
- Yellow (47%)
- Black (23%)





- Cyan (24%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.1370, 63.9070, 36.7630 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 111.1370, 63.9070, 36.7630 by changing the saturation by 10% instead.


 111.1370, 63.9070,
36.7630


 111.1370, 63.9070,
36.7630


255.0000, -0.0000,
-0.0000


 82.7070, 62.3020,
38.3180


 167.1760, 68.1710,
36.5790


 47.0480, 63.0800,
46.2480


 186.1030, 52.0790,
30.8550


 36.2820, 53.1330,
33.7810

 205.6170, 35.7120,
24.6080

 25.2170, 42.5900,
21.1020

 225.8320, 18.7490,
18.1490

 16.3740, 31.5420,
12.0700

 245.0210, 4.6750,
8.8910

 1.4950, 2.9800,
1.0600

 0.0000, 0.0000,

0.0000

■ 111.1370, 63.9070,
36.7630

■ 111.1370, 63.9070,
36.7630

■ 97.8010, 73.9010,
42.8690

■ 123.8860, 54.1880,
31.1800

■ 84.9380, 83.9410,
48.1410

■ 137.3360, 43.8730,
25.3850

■ 71.6020, 93.9350,
54.2470

■ 150.0850, 34.1540,
19.8020

■ 64.2330, 99.5280,
57.5120

■ 163.4210, 24.1600,
13.6960

■ 176.2840, 14.1200,
8.4240

■ 189.6200, 4.1260,
2.3180

■ 202.9560, -5.8680,
-3.7880

■ 215.8190,
-15.9080, -9.0600

■ 229.1550,
-25.9020, -15.1660

Harmonies

Analogous

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



115.2930, 37.4050, 43.4930



111.1370, 63.9070, 36.7630



111.1860, 70.2380, 15.6300

Triad

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



111.1370, 63.9070, 36.7630



101.6050, -1.8270, -38.4910



97.7080, -98.7580, -5.3660

Complementary

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



111.1370, 63.9070, 36.7630



153.8630, -63.9070, -36.7630

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.



98.0380, -91.4200, -17.2120



111.1370, 63.9070, 36.7630



87.1910, -62.2550, -44.6790

Square

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



111.1370, 63.9070, 36.7630



106.7380, 40.3990, -32.8250



94.3100, -78.1670, -31.6310



100.0300, -78.6330, 9.8710

Rectangle

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



111.1370, 63.9070, 36.7630



110.7100, 65.1060, -1.5020



94.3100, -78.1670, -31.6310



98.6710, -97.3360, -9.1120

Sweetspot

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



111.1370, 63.9070, 36.7630



219.8340, 24.4350, 14.2190



111.7580, 14.7070, 58.3790



107.8820, 15.3120, 8.8480



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.



111.1370, 63.9070, 36.7630



121.8200, 99.2530, 56.9890



124.3980, 66.5250, 11.3330



90.3320, 4.9970, 3.0530



53.0410, 82.1530, 47.5050



10.8930, 16.7790, 9.7950

Inverse Universe

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



111.1370, 63.9070, 36.7630



121.8200, 99.2530, 56.9890



140.6020, -66.5250, -11.3330



90.3320, 4.9970, 3.0530



53.0410, 82.1530, 47.5050



10.8930, 16.7790, 9.7950

Previews

White Background



This preview shows how the YIQ color 111.1370, 63.9070, 36.7630 looks on a white background.

Color Contrast Check

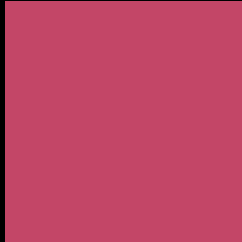
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 111.1370, 63.9070, 36.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

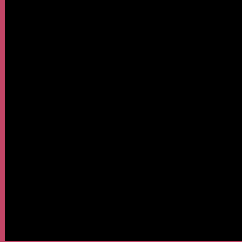
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.1370, 63.9070, 36.7630

Background



This preview shows how black text looks on a background with the YIQ color 111.1370, 63.9070, 36.7630.



This preview shows how white text looks on a background with the YIQ color 111.1370, 63.9070,

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

111.1370, 63.9070, 36.7630

Protanopia

115.4820, -4.1730, 4.0430

Deuteranopia

115.9820, 17.6060, 0.3100



Tritanopia

111.0370, 69.6400, 26.4720

Trichromacy



Original Color

111.1370, 63.9070, 36.7630

Protanomaly

113.7350, 20.4000, 15.7600

Deuteranomaly

114.2820, 34.7970, 13.6530

Tritanomaly

110.8890, 67.3010, 30.3170

Monochromacy



Original Color

111.1370, 63.9070, 36.7630

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.1220, 23.5640, 13.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.1370, 63.9070, 36.7630 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(195, 70, 103)` looks like.

```
.text, #text, p{  
    color:rgb(195, 70, 103)  
}
```

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(195, 70, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 70, 103) }
```

Border

The CSS property to change the border of an element to YIQ 111.1370, 63.9070, 36.7630 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(195, 70, 103) }
```


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

```
.border{ border-color:rgb(195, 70, 103) }
```

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

Here you see how a box with a 4 pixel rgb(195, 70, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 70, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 70, 103);  
box-shadow:4px 4px 4px 4px rgb(195, 70,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 111.1370, 63.9070, 36.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 70, 103) }
```

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

```
.background{ background-color: rgb(195, 70,  
103) }
```

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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