

Converting Colors

YIQ(111.4310, 72.0670, 43.0670)

Have a look what the booklet for
YIQ(111.4310, 72.0670, 43.0670)
contains.

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Color

**YIQ(111.4310, 72.0670,
43.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	CF4069
RGB	207, 64, 105
RGB Percent	81%, 25%, 41%
CMY	0.1879, 0.7492, 0.5880
CMYK	0.00, 0.69, 0.49, 0.19
HSL	343°, 60%, 53%
HSV	343°, 69%, 81%
XYZ	30.1413, 17.9601, 15.2601
YIQ	111.4310, 72.0670, 43.0670

Conversions

Conversions Part 2

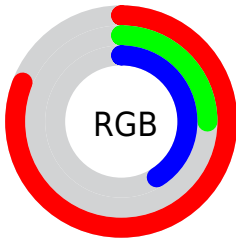
Format	Color
R_{YB}	207, 64, 105
Decimal	13582441
CIE _{Lab}	49.45, 58.86, 8.95
CIE _{LCh}	49, 59.541, 8.649
Yxy	17.9601, 0.4757, 0.2835
Android (android.graphics.Color)	4291772521 (0xFFCF4069)
YUV	111.4310, -3.1705, 83.8140
Hunter-Lab	42.3794, 52.7900, 8.3162

Details

The YIQ color **111.4310, 72.0670, 43.0670** 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 **159.5690, -72.0670, -43.0670**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0560, 68.6290, 39.2930**, and **50.5650, 68.9940, 49.2020** is the 20% darker color. If you saturate the color by 10%, you get **97.3940, 82.6570, 49.3850**, and if you desaturate by 10%, it is **125.4680, 61.4770, 36.7490**.

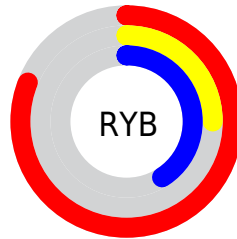
Distribution



Red (81%)

Green (25%)

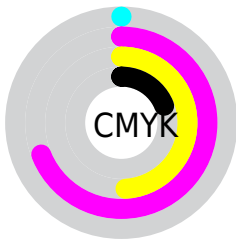
Blue (41%)



Red (81%)

Yellow (25%)

Blue (41%)

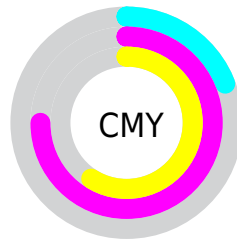


Cyan (0%)

Magenta (69%)

Yellow (49%)

Black (19%)



Cyan (19%)


Magenta (75%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.4310, 72.0670, 43.0670 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 111.4310, 72.0670, 43.0670 by changing the saturation by 10% instead.


 111.4310, 72.0670,
43.0670

 111.4310, 72.0670,
43.0670

255.0000, -0.0000,
-0.0000


 80.3540, 70.9660,
46.5020


 165.0560, 68.6290,
39.2930


 50.5650, 68.9940,
49.2020


 184.5700, 52.2620,
33.0460


 39.5000, 58.4510,
36.5230


 204.0840, 35.8950,
26.7990

 28.4350, 47.9080,
23.8440

 224.4130, 18.6110,
20.6510

 18.8800, 35.9890,
14.0770

 243.2600, 5.5000,
10.4600

 7.8880, 15.1750,
5.8230

 0.0000, 0.0000,

0.0000

■ 111.4310, 72.0670,
43.0670

■ 111.4310, 72.0670,
43.0670

■ 97.3940, 82.6570,
49.3850

■ 125.4680, 61.4770,
36.7490

■ 84.0580, 92.6510,
55.4910

■ 138.9180, 51.1620,
30.9540

■ 70.0210, 103.2410,
61.8090

■ 152.8410, 40.8930,
24.3250

■ 68.6190, 104.4330,
62.2330

■ 166.8780, 30.3030,
18.0070

■ 180.3280, 19.9880,
12.2120

■ 194.3650, 9.3980,
5.8940

■ 208.2880, -0.8710,
-0.7350

■ 222.3250,
-11.4610, -7.0530

■ 235.7750,
-21.7760, -12.8480

Harmonies

Analogous

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



117.0320, 42.8140, 50.0940



111.4310, 72.0670, 43.0670



112.3720, 78.5820, 18.5980

Triad

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



111.4310, 72.0670, 43.0670



102.5030, -1.7800, -44.8520



102.2390, -104.6270, -3.6270

Complementary

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



111.4310, 72.0670, 43.0670



159.5690, -72.0670, -43.0670

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.



102.1130, -96.0050, -16.7170



111.4310, 72.0670, 43.0670



90.0120, -63.3090, -47.6050

Square

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



111.4310, 72.0670, 43.0670



108.7120, 43.2880, -35.6240



97.7010, -80.8260, -33.0020



94.7050, -102.7030, 5.5610

Rectangle

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



111.4310, 72.0670, 43.0670



112.2610, 73.6800, -2.7040



97.7010, -80.8260, -33.0020



103.0880, -102.8840, -7.6840

Sweetspot

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



111.4310, 72.0670, 43.0670



218.9700, 27.0480, 16.4240



110.2020, 13.6970, 65.6730



106.5940, 16.1830, 9.5830



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.



111.4310, 72.0670, 43.0670



113.3420, 106.7710, 63.9150



123.7800, 77.2530, 15.1490



97.6310, 5.5930, 3.2650



55.7040, 84.7200, 50.5440



13.6270, 20.5840, 12.4240

Inverse Universe

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



111.4310, 72.0670, 43.0670



113.3420, 106.7710, 63.9150



147.2200, -77.2530, -15.1490



97.6310, 5.5930, 3.2650



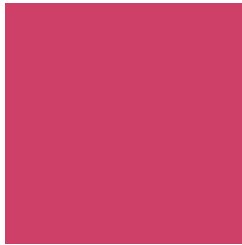
55.7040, 84.7200, 50.5440



13.6270, 20.5840, 12.4240

Previews

White Background



This preview shows how the YIQ color 111.4310, 72.0670, 43.0670 looks on a white background.

Color Contrast Check

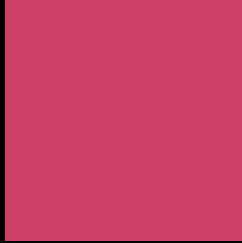
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.4310, 72.0670, 43.0670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

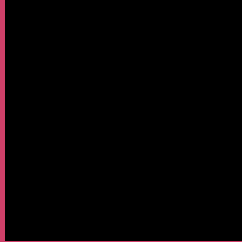
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 111.4310, 72.0670, 43.0670

Background



This preview shows how black text looks on a background with the YIQ color 111.4310, 72.0670, 43.0670.

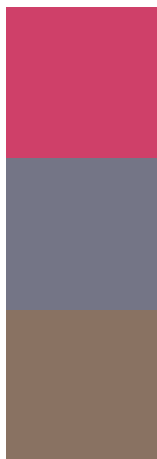


This preview shows how white text looks on a background with the YIQ color 111.4310, 72.0670, 43.0670.

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

111.4310, 72.0670, 43.0670

Protanopia

118.6390, -6.0530, 5.0750

Deuteranopia

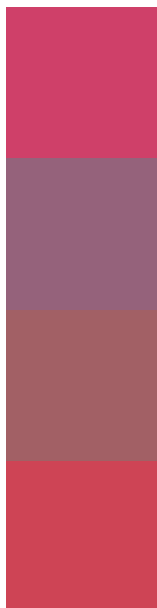
119.0530, 18.8440, -0.1000



Tritanopia

110.8210, 79.1760, 29.8640

Trichromacy



Original Color

111.4310, 72.0670, 43.0670

Protanomaly

116.0990, 22.3710, 18.5870

Deuteranomaly

116.3040, 37.7310, 15.5470

Tritanomaly

111.2000, 76.7910, 34.5430

Monochromacy



Original Color

111.4310, 72.0670, 43.0670

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.2580, 26.1770, 15.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.4310, 72.0670, 43.0670 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(207, 64, 105)` looks like.

```
.text, #text, p{  
    color:rgb(207, 64, 105)  
}
```

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(207, 64, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 64, 105) }
```

Border

The CSS property to change the border of an element to YIQ 111.4310, 72.0670, 43.0670 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(207, 64, 105) }
```


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

```
.border{ border-color:rgb(207, 64, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 64, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 64, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 64, 105);  
box-shadow:4px 4px 4px 4px rgb(207, 64,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 111.4310, 72.0670, 43.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 64, 105) }
```

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

```
.background{ background-color: rgb(207, 64,  
105) }
```

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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