

Converting Colors

YIQ(121.2670, 67.7980, 70.8860)

Have a look what the booklet for
YIQ(121.2670, 67.7980, 70.8860)
contains.

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Color

**YIQ(121.2670, 67.7980,
70.8860)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E639A7 |
| RGB | 230, 57, 167 |
| RGB Percent | 90%, 22%, 65% |
| CMY | 0.0976, 0.7767, 0.3449 |
| CMYK | 0.00, 0.75, 0.27, 0.10 |
| HSL | 322°, 78%, 56% |
| HSV | 322°, 75%, 90% |
| XYZ | 41.1114, 22.5541, 38.7685 |
| YIQ | 121.2670, 67.7980, 70.8860 |

Conversions

Conversions Part 2

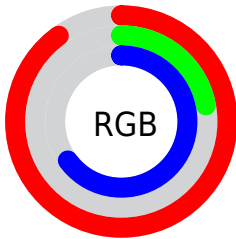
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 230, 57, 167 |
| Decimal | 15088039 |
| CIE Lab | 54.61, 73.78, -20.01 |
| CIE LCh | 55, 76.445, 344.824 |
| Yxy | 22.5541, 0.4013, 0.2202 |
| Android (android.graphics.Color) | 4293278119 (0xFFE639A7) |
| YUV | 121.2670, 22.5464, 95.3588 |
| Hunter-Lab | 47.4912, 71.4114, -15.1564 |

Details

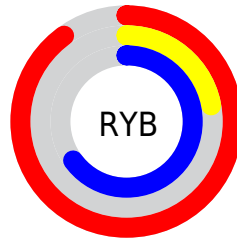
The YIQ color **121.2670, 67.7980, 70.8860** is a light color, and the websafe version is hex **CC3399**. The color can be described as light washed rose. A complement of this color would be **165.7330, -67.7980, -70.8860**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9930, 47.7180, 60.3420**, and **63.9400, 64.4050, 71.8050** is the 20% darker color. If you saturate the color by 10%, you get **106.8540, 76.6910, 80.4270**, and if you desaturate by 10%, it is **135.6800, 58.9050, 61.3450**.

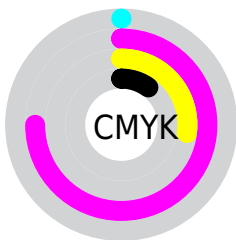
Distribution



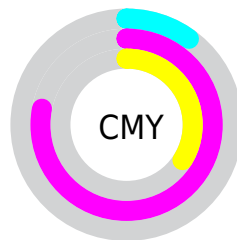
- Red (90%)
- Green (22%)
- Blue (65%)



- Red (90%)
- Yellow (22%)
- Blue (65%)



- Cyan (0%)
- Magenta (75%)
- Yellow (27%)
- Black (10%)



- Cyan (10%)
- Magenta (78%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.2670, 67.7980, 70.8860 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 121.2670, 67.7980, 70.8860 by changing the saturation by 10% instead.

121.2670, 67.7980,
70.8860

121.2670, 67.7980,
70.8860

255.0000, -0.0000,
-0.0000

78.8090, 72.5640,
83.6360

171.9930, 47.7180,
60.3420

63.9400, 64.4050,
71.8050

192.3220, 30.4340,
54.1940

52.1200, 54.5500,
57.6700

210.3880, 20.9000,
39.7480

40.8270, 44.6490,
44.3690

227.4110, 12.9250,
24.5810

29.8330, 35.3440,
31.2800

245.0210, 4.6750,
8.8910

19.0670, 25.3970,
18.8130

5.3820, 10.7280,

3.8160

■ 0.0000, 0.0000,
0.0000

■ 121.2670, 67.7980,
70.8860

■ 121.2670, 67.7980,
70.8860

■ 106.8540, 76.6910,
80.4270

■ 135.6800, 58.9050,
61.3450

■ 92.3270, 85.9050,
89.6570

■ 150.2070, 49.6910,
52.1150

■ 85.4140, 90.2140,
94.1660

■ 164.6200, 40.7980,
42.5740

■ 179.1470, 31.5840,
33.3440

■ 193.5600, 22.6910,
23.8030

207.9730, 13.7980,
14.2620

222.5000, 4.5840,
5.0320

236.9130, -4.3090,
-4.5090

246.0430,
-10.7270, -9.3430

Harmonies

Analogous

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



133.2560, 4.4370, 57.2770



121.2670, 67.7980, 70.8860



113.5320, 100.1240, 57.7240

Triad

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



121.2670, 67.7980, 70.8860



119.2780, 38.3380, -45.0380



117.5810, -114.7580, -12.7580

Complementary

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



121.2670, 67.7980, 70.8860



165.7330, -67.7980, -70.8860

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.



111.9150, -96.0480, -32.4640



121.2670, 67.7980, 70.8860



101.7090, -23.6920, -66.2520

Square

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



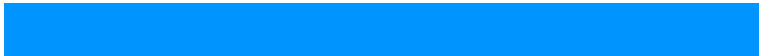
121.2670, 67.7980, 70.8860



122.8200, 78.6350, -20.9250



102.7610, -73.0280, -53.1880



115.9460, -122.5550, 1.9010

Rectangle

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



121.2670, 67.7980, 70.8860



118.3800, 102.4670, 31.7710



102.7610, -73.0280, -53.1880



116.7030, -109.5300, -19.4020

Sweetspot

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



121.2670, 67.7980, 70.8860



217.9730, 22.9660, 24.3260



94.9610, -19.1770, 66.7350



105.2720, 14.3940, 14.4740



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.



121.2670, 67.7980, 70.8860



110.4140, 90.2140, 94.1660



111.6910, 94.7620, 44.7620



107.5000, 4.5840, 5.0320



66.4030, 70.4110, 73.0910



18.8970, 20.1240, 20.7640

Inverse Universe

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



121.2670, 67.7980, 70.8860



110.4140, 90.2140, 94.1660



175.3090, -94.7620, -44.7620



107.5000, 4.5840, 5.0320



66.4030, 70.4110, 73.0910



18.8970, 20.1240, 20.7640

Previews

White Background



This preview shows how the YIQ color 121.2670, 67.7980, 70.8860 looks on a white background.

Color Contrast Check

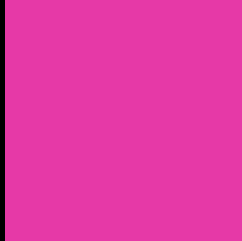
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.2670, 67.7980, 70.8860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

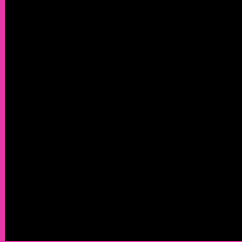
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.2670, 67.7980, 70.8860

Background



This preview shows how black text looks on a background with the YIQ color 121.2670, 67.7980, 70.8860.



This preview shows how white text looks on a background with the YIQ color 121.2670, 67.7980,

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

121.2670, 67.7980, 70.8860

Protanopia

128.0230, -50.3920, 21.1920

Deuteranopia

132.3170, -7.8420, 9.9660



Tritanopia

125.0280, 83.0270, 31.6590

Trichromacy



Original Color

121.2670, 67.7980, 70.8860



Protanomaly

125.5450, -7.3430, 39.4810



Deuteranomaly

128.1610, 19.8010, 32.1290



Tritanomaly

123.6490, 77.3850, 45.8090

Monochromacy



Original Color

121.2670, 67.7980, 70.8860



Achromatopsia

121.0000, -0.0000, 0.0000



Achromatomaly

121.3970, 24.7080, 25.7960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.2670, 67.7980, 70.8860 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(230, 57, 167)` looks like.

```
.text, #text, p{  
    color:rgb(230, 57, 167)  
}
```

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(230, 57, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 57, 167) }
```

Border

The CSS property to change the border of an element to YIQ 121.2670, 67.7980, 70.8860 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(230, 57, 167) }
```


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

```
.border{ border-color:rgb(230, 57, 167) }
```

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

Here you see how a box with a 4 pixel rgb(230, 57, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 57, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 57, 167);  
box-shadow:4px 4px 4px 4px rgb(230, 57,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 121.2670, 67.7980, 70.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 57, 167) }
```

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

```
.background{ background-color: rgb(230, 57,  
167) }
```

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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