

Converting Colors

YIQ(126.0670, 35.7060, 57.7700)

Have a look what the booklet for
YIQ(126.0670, 35.7060, 57.7700)
contains.

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Color

**YIQ(126.0670, 35.7060,
57.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	C44FB9
RGB	196, 79, 185
RGB Percent	77%, 31%, 73%
CMY	0.2310, 0.6904, 0.2744
CMYK	0.00, 0.60, 0.06, 0.23
HSL	306°, 50%, 54%
HSV	306°, 60%, 77%
XYZ	34.3388, 20.8359, 48.1192
YIQ	126.0670, 35.7060, 57.7700

Conversions

Conversions Part 2

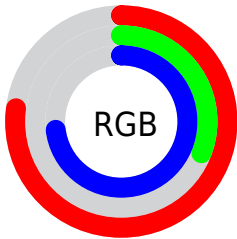
Format	Color
RYB	196, 79, 185
Decimal	12865465
CIELab	52.77, 59.69, -33.77
CIELCh	53, 68.583, 330.499
Yxy	20.8359, 0.3324, 0.2017
Android (android.graphics.Color)	429105545 (0xFFC44FB9)
YUV	126.0670, 29.0540, 61.3312
Hunter-Lab	45.6463, 54.4009, -30.5496

Details

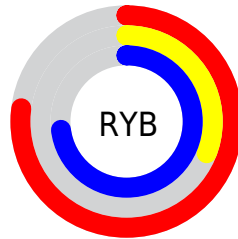
The YIQ color $126.0670, 35.7060, 57.7700$ is a light color, and the websafe version is hex $CC66CC$. The color can be described as light muted rose. A complement of this color would be $148.9330, -35.7060, -57.7700$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.3770, 37.7690, 58.9290$, and $64.1260, 37.2180, 63.4100$ is the 20% darker color. If you saturate the color by 10%, you get $114.0990, 41.8480, 67.6080$, and if you desaturate by 10%, it is $138.0350, 29.5640, 47.9320$.

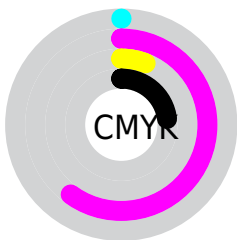
Distribution



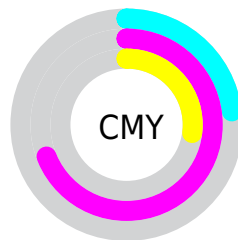
- Red (77%)
- Green (31%)
- Blue (73%)



- Red (77%)
- Yellow (31%)
- Blue (73%)



- Cyan (0%)
- Magenta (60%)
- Yellow (6%)
- Black (23%)




- Cyan (23%)
- Magenta (69%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.0670, 35.7060, 57.7700 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 126.0670, 35.7060, 57.7700 by changing the saturation by 10% instead.


 126.0670, 35.7060,
57.7700


 126.0670, 35.7060,
57.7700


255.0000, -0.0000,
-0.0000


 97.2950, 35.0640,
58.3920


 182.3770, 37.7690,
58.9290


 63.5390, 37.4930,
63.9330


 200.4090, 25.5750,
48.6390

 45.5720, 32.7260,
56.7100

 217.4320, 17.6000,
33.4720

 34.6490, 24.6590,
43.2110

 234.4550, 9.6250,
18.3050

 24.2530, 16.5460,
30.5460

 251.4780, 1.6500,
3.1380

 13.5580, 7.8370,
17.6690

 1.1400, -3.2100,

3.1100

■ 0.0000, 0.0000,
0.0000

■ 126.0670, 35.7060,
57.7700

■ 126.0670, 35.7060,
57.7700

■ 114.0990, 41.8480,
67.6080

■ 138.0350, 29.5640,
47.9320

■ 102.7180, 47.7150,
76.9230

■ 149.4160, 23.6970,
38.6170

■ 90.7500, 53.8570,
86.7610

■ 161.3840, 17.5550,
28.7790

■ 79.4830, 59.4030,
96.3870

■ 172.6510, 12.0090,
19.1530

■ 78.8960, 59.6780,
96.9100

■ 184.6190, 5.8670,
9.3150

■ 196.5870, -0.2750,
-0.5230

■ 207.9680, -6.1420,
-9.8380

■ 219.9360,
-12.2840, -19.6760

■ 231.3170,
-18.1510, -28.9910

Harmonies

Analogous

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



127.0400, -30.7260, 39.2420



126.0670, 35.7060, 57.7700



116.5110, 78.2540, 57.5980

Triad

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



126.0670, 35.7060, 57.7700



117.9370, 55.8960, -32.8400



110.2000, -100.8640, -22.2720

Complementary

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



126.0670, 35.7060, 57.7700



148.9330, -35.7060, -57.7700

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.



103.4740, -81.9250, -40.6210



126.0670, 35.7060, 57.7700



109.1010, 16.6070, -53.1930

Square

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



126.0670, 35.7060, 57.7700



118.1020, 87.0690, -8.5710



94.1720, -61.2440, -57.5000



111.8080, -113.6590, -5.1390

Rectangle

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



126.0670, 35.7060, 57.7700



115.2990, 89.9940, 43.0660



94.1720, -61.2440, -57.5000



108.1480, -95.0860, -27.8700

Sweetspot

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



126.0670, 35.7060, 57.7700



227.5420, 13.9340, 22.8140



95.3280, -31.5970, 38.5070



110.6350, 8.9380, 14.2340



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.



126.0670, 35.7060, 57.7700



145.0540, 56.0570, 90.9450



119.5690, 54.0030, 40.0430



91.0160, 3.0710, 4.9190



64.6690, 49.4110, 79.2270



13.2870, 10.0380, 16.3260

Inverse Universe

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



126.0670, 35.7060, 57.7700



145.0540, 56.0570, 90.9450



155.4310, -54.0030, -40.0430



91.0160, 3.0710, 4.9190



64.6690, 49.4110, 79.2270



13.2870, 10.0380, 16.3260

Previews

White Background



This preview shows how the YIQ color 126.0670, 35.7060, 57.7700 looks on a white background.

Color Contrast Check

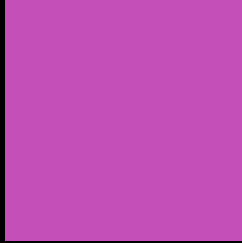
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.0670, 35.7060, 57.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

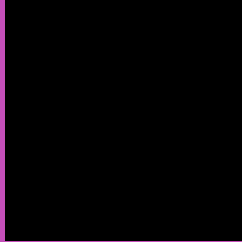
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.0670, 35.7060, 57.7700

Background



This preview shows how black text looks on a background with the YIQ color 126.0670, 35.7060, 57.7700.



This preview shows how white text looks on a background with the YIQ color 126.0670, 35.7060,

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

126.0670, 35.7060, 57.7700

Protanopia

121.5430, -57.7280, 21.9840

Deuteranopia

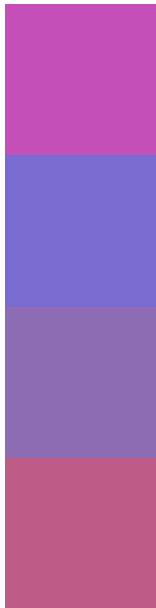
126.1440, -26.2280, 12.7800



Tritanopia

126.8110, 49.6050, 20.6210

Trichromacy



Original Color

126.0670, 35.7060, 57.7700

Protanomaly

123.1130, -23.8020, 34.9020

Deuteranomaly

126.0750, -3.4440, 29.3880

Tritanomaly

126.2040, 44.6050, 34.1490

Monochromacy



Original Color

126.0670, 35.7060, 57.7700

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8900, 12.8340, 20.7220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.0670, 35.7060, 57.7700 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(196, 79, 185)` looks like.

```
.text, #text, p{  
    color:rgb(196, 79, 185)  
}
```

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(196, 79, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 79, 185) }
```

Border

The CSS property to change the border of an element to YIQ 126.0670, 35.7060, 57.7700 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(196, 79, 185) }
```


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

```
.border{ border-color:rgb(196, 79, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 79, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 79, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 79, 185);  
box-shadow:4px 4px 4px 4px rgb(196, 79,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 126.0670, 35.7060, 57.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 79, 185) }
```

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

```
.background{ background-color: rgb(196, 79,  
185) }
```

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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