

Converting Colors

YIQ(168.0640, 4.2570, 38.5050)

Have a look what the booklet for
YIQ(168.0640, 4.2570, 38.5050)
contains.

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Color

**YIQ(168.0640, 4.2570,
38.5050)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C48EE5 |
| RGB | 196, 142, 229 |
| RGB Percent | 77%, 56%, 90% |
| CMY | 0.2312, 0.4432, 0.1020 |
| CMYK | 0.14, 0.38, 0.00, 0.10 |
| HSL | 277°, 63%, 73% |
| HSV | 277°, 38%, 90% |
| XYZ | 46.5878, 36.7377, 78.7550 |
| YIQ | 168.0640, 4.2570, 38.5050 |

Conversions

Conversions Part 2

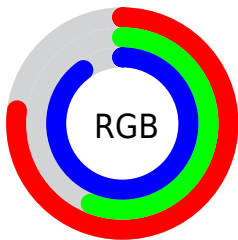
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 196, 142, 229 |
| Decimal | 12881637 |
| CIE Lab | 67.08, 36.13, -36.29 |
| CIE LCh | 67, 51.205, 314.871 |
| Yxy | 36.7377, 0.2874, 0.2267 |
| Android (android.graphics.Color) | 4291071717 (0xFFC48EE5) |
| YUV | 168.0640, 30.0414, 24.4999 |
| Hunter-Lab | 60.6117, 31.1295, -34.6095 |

Details

The YIQ color **168.0640, 4.2570, 38.5050** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **202.9360, -4.2570, -38.5050**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.0680, 15.6290, 30.6450**, and **115.2980, 3.4780, 36.1020** is the 20% darker color. If you saturate the color by 10%, you get **151.8720, 5.2180, 48.6260**, and if you desaturate by 10%, it is **184.2560, 3.2960, 28.3840**.

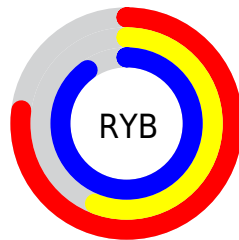
Distribution



Red (77%)

Green (56%)

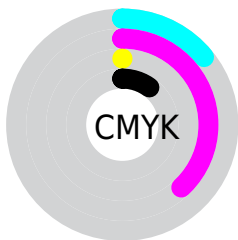
Blue (90%)



Red (77%)

Yellow (56%)

Blue (90%)

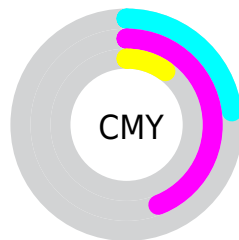


Cyan (14%)

Magenta (38%)

Yellow (0%)

Black (10%)



Cyan (23%)

Magenta (44%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.0640, 4.2570, 38.5050 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 168.0640, 4.2570, 38.5050 by changing the saturation by 10% instead.


 168.0640, 4.2570,
38.5050

 168.0640, 4.2570,
38.5050

255.0000, -0.0000,
-0.0000

 141.2380, 3.7070,
37.4590

 220.0680, 15.6290,
30.6450


 115.2980, 3.4780,
36.1020


 237.3900, 8.2500,
15.6900

 89.4720, 2.9280,
35.0560

254.4130, 0.2750,
0.5230

 64.6460, 2.3780,
34.0100

 40.2330, 2.1030,
33.4870

 19.4560, -0.1430,
30.1370

 9.9570, -6.4680,

18.1080

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 168.0640, 4.2570,
38.5050

■ 168.0640, 4.2570,
38.5050

■ 151.8720, 5.2180,
48.6260

■ 184.2560, 3.2960,
28.3840

■ 135.9790, 6.7750,
58.9590

■ 200.1490, 1.7390,
18.0510

■ 119.7870, 7.7360,
69.0800

■ 216.3410, 0.7780,
7.9300

■ 103.5950, 8.6970,
79.2010

■ 232.5330, -0.1830,
-2.1910

87.7020, 10.2540,
89.5340

247.2520, -1.1900,
-11.4780

72.0970, 10.9400,
99.1320

249.9430, 4.1740,
-9.5700

68.5640, 11.1230,
101.3230

252.0360, 8.3460,
-8.0860

Harmonies

Analogous

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



160.3220, -49.7960, 21.4040



168.0640, 4.2570, 38.5050



166.6590, 45.0620, 42.3900

Triad

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



168.0640, 4.2570, 38.5050



160.2220, 60.2480, -12.5840



130.8590, -110.8100, -40.2660

Complementary

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



168.0640, 4.2570, 38.5050



202.9360, -4.2570, -38.5050

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.



132.4000, -79.0810, -48.1130



168.0640, 4.2570, 38.5050



156.8280, 31.4580, -30.4780

Square

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



168.0640, 4.2570, 38.5050



162.1060, 73.2190, 11.1630



150.5870, -10.5840, -39.4800



133.2990, -123.1920, -25.1120

Rectangle

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



168.0640, 4.2570, 38.5050



164.2510, 63.5860, 37.0740



150.5870, -10.5840, -39.4800



128.5620, -105.7200, -44.4080

Sweetspot

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



168.0640, 4.2570, 38.5050



235.2750, 1.1440, 12.3120



171.2890, -37.0020, 9.7980



115.9280, 0.5030, 7.4070



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.



168.0640, 4.2570, 38.5050



173.1650, 5.9510, 51.8630



176.7910, 27.1350, 42.3910



106.4610, 0.3200, 5.2160



53.5950, 8.6970, 79.2010



15.3820, 2.7010, 22.6450

Inverse Universe

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



171.7750, 41.2590, 28.7070



177.9990, 55.6080, 38.4880



194.2090, -27.1350, -42.3910



107.1580, 5.5470, 4.0990



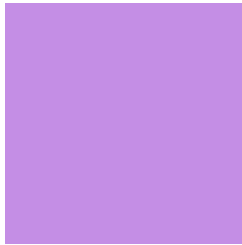
61.2730, 84.8560, 59.0960



17.4150, 24.2970, 16.7210

Previews

White Background



This preview shows how the YIQ color 168.0640, 4.2570, 38.5050 looks on a white background.

Color Contrast Check

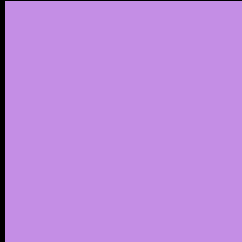
Large Text (above 18pt) WCAG AA × Fail

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 168.0640, 4.2570, 38.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

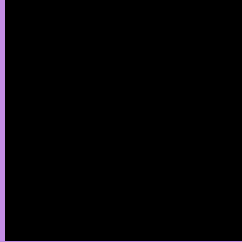
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.0640, 4.2570, 38.5050

Background



This preview shows how black text looks on a background with the YIQ color 168.0640, 4.2570, 38.5050.



This preview shows how white text looks on a background with the YIQ color 168.0640, 4.2570,

38.5050.

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

168.0640, 4.2570, 38.5050

Protanopia

162.6880, -42.1390, 20.3010

Deuteranopia

163.2130, -30.6760, 16.3000



Tritanopia

165.6370, 14.6240, 10.3040

Trichromacy



Original Color

168.0640, 4.2570, 38.5050



Protanomaly

164.5870, -25.4970, 27.0710



Deuteranomaly

164.8990, -17.7480, 24.3000



Tritanomaly

166.5200, 11.0000, 20.9200

Monochromacy



Original Color

168.0640, 4.2570, 38.5050



Achromatopsia

168.0000, -0.0000, -0.0000



Achromatomaly

168.2150, 1.3730, 13.6690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.0640, 4.2570, 38.5050 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, 142, 229)` looks like.

```
.text, #text, p{  
    color:rgb(196, 142, 229)  
}
```

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, 142, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 142, 229) }
```

Border

The CSS property to change the border of an element to YIQ 168.0640, 4.2570, 38.5050 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, 142, 229) }
```


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

```
.border{ border-color:rgb(196, 142, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 142, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 142, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 142, 229);  
box-shadow:4px 4px 4px 4px rgb(196, 142,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 168.0640, 4.2570, 38.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 142, 229) }
```

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

```
.background{ background-color: rgb(196,  
142, 229) }
```

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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