

Converting Colors

YIQ(167.6540, -9.2680, 35.8200)

Have a look what the booklet for
YIQ(167.6540, -9.2680, 35.8200)
contains.

YIQ(167.6540, -9.2680, 35.8200)	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(167.6540, -9.2680,
35.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	B593EF
RGB	181, 147, 239
RGB Percent	71%, 58%, 94%
CMY	0.2900, 0.4236, 0.0628
CMYK	0.24, 0.38, 0.00, 0.06
HSL	262°, 74%, 76%
HSV	262°, 38%, 94%
XYZ	45.0718, 36.9215, 86.3910
YIQ	167.6540, -9.2680, 35.8200

Conversions

Conversions Part 2

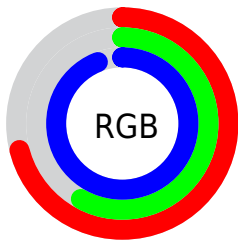
Format	Color
RYB	181, 147, 239
Decimal	11899887
CIELab	67.22, 31.21, -41.67
CIELCh	67, 52.063, 306.826
Yxy	36.9215, 0.2677, 0.2193
Android (android.graphics.Color)	4290089967 (0xFFB593EF)
YUV	167.6540, 35.1736, 11.7044
Hunter-Lab	60.7630, 26.0694, -41.7626

Details

The YIQ color $167.6540, -9.2680, 35.8200$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $218.3460, 9.2680, -35.8200$, and the grayscale version is $167.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $218.2190, 4.7180, 24.6380$, and $114.8880, -10.0470, 33.4170$ is the 20% darker color. If you saturate the color by 10%, you get $149.0810, -11.6080, 45.1920$, and if you desaturate by 10%, it is $186.2270, -6.9280, 26.4480$.

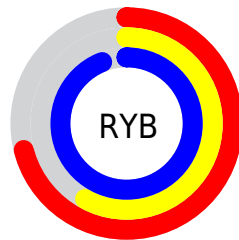
Distribution



Red (71%)

Green (58%)

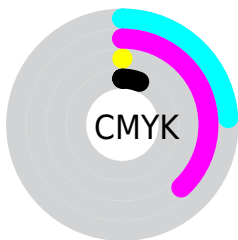
Blue (94%)



Red (71%)

Yellow (58%)

Blue (94%)

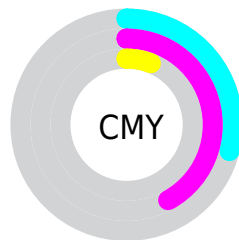


Cyan (24%)

Magenta (38%)

Yellow (0%)

Black (6%)



Cyan (29%)

Magenta (42%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.6540, -9.2680, 35.8200 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 167.6540, -9.2680, 35.8200 by changing the saturation by 10% instead.

167.6540, -9.2680,
35.8200

167.6540, -9.2680,
35.8200

255.0000, -0.0000,
-0.0000

140.7140, -9.4970,
34.4630

218.2190, 4.7180,
24.6380

114.8880,
-10.0470, 33.4170

240.3250, 6.8750,
13.0750

89.8340, -9.9550,
31.7490

65.0080, -10.5050,
30.7030

41.0570, -12.2010,
28.3990

17.6220, -15.4100,
25.9820

6.2700, -17.6550,

17.1050

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,
1.8660

■ 167.6540, -9.2680,
35.8200

■ 167.6540, -9.2680,
35.8200

■ 149.0810,
-11.6080, 45.1920

■ 186.2270, -6.9280,
26.4480

■ 130.5080,
-13.9480, 54.5640

■ 204.8000, -4.5880,
17.0760

■ 111.9350,
-16.2880, 63.9360

■ 223.3730, -2.2480,
7.7040

■ 93.3620, -18.6280,
73.3080

■ 241.9460, 0.0920,
-1.6680

■ 75.3760, -21.2430,
82.1570

■ 253.1760, 5.1360,
-4.9760

■ 56.8030, -23.5830,
91.5290

■ 53.5580, -24.2710,
92.9850

Harmonies

Analogous

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



155.5260, -68.2260, 13.9980



167.6540, -9.2680, 35.8200



167.9940, 36.8090, 43.2810

Triad

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



167.6540, -9.2680, 35.8200



161.4340, 65.7030, -6.8170



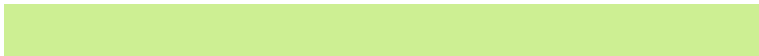
129.4910, -106.9580, -43.9980

Complementary

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



167.6540, -9.2680, 35.8200



218.3460, 9.2680, -35.8200

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.



140.4970, -54.3690, -44.4250



167.6540, -9.2680, 35.8200



158.4980, 41.3150, -27.3970

Square

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



167.6540, -9.2680, 35.8200



162.9910, 75.2810, 17.8490



152.7580, 2.1160, -38.3640



133.5610, -121.1740, -28.6460

Rectangle

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



167.6540, -9.2680, 35.8200



166.1350, 58.2210, 40.6930



152.7580, 2.1160, -38.3640



127.6670, -101.8220, -48.9740

Sweetspot

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



167.6540, -9.2680, 35.8200



231.1220, -2.7990, 12.1850



191.5340, -45.4820, -1.7220



113.8460, -2.2020, 6.8700



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.



167.6540, -9.2680, 35.8200



164.1950, -11.9290, 45.5030



181.4080, 18.1480, 45.5720



110.5640, -1.4680, 4.5800



41.3080, -18.5360, 71.6400



12.6630, -5.4600, 21.8680

Inverse Universe

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



181.1200, 36.2140, 37.5420



181.4190, 45.9780, 47.8180



204.5920, -18.1480, -45.5720



112.3860, 4.9050, 4.7210



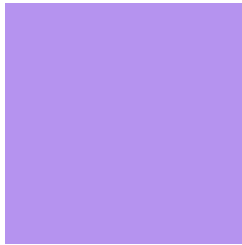
68.2400, 72.4280, 75.0840



20.7340, 22.1410, 22.7570

Previews

White Background



This preview shows how the YIQ color 167.6540, -9.2680, 35.8200 looks on a white background.

Color Contrast Check

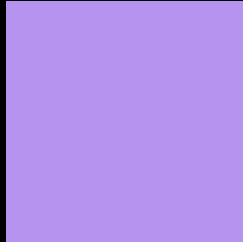
Large Text (above 18pt) WCAG AA × Fail

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 167.6540, -9.2680, 35.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

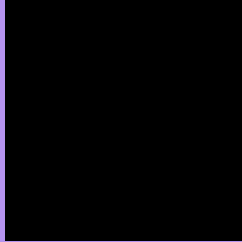
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.6540, -9.2680, 35.8200

Background



This preview shows how black text looks on a background with the YIQ color 167.6540, -9.2680, 35.8200.



This preview shows how white text looks on a background with the YIQ color 167.6540, -9.2680,

35.8200.

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

167.6540, -9.2680, 35.8200

Protanopia

162.5890, -46.1740, 21.8420

Deuteranopia

162.3630, -39.8460, 17.2900



Tritanopia

164.7600, 0.9160, 5.4280

Trichromacy



Original Color

167.6540, -9.2680, 35.8200

Protanomaly

164.5800, -32.7870, 27.0290

Deuteranomaly

164.6250, -28.6600, 23.8200

Tritanomaly

165.7570, -3.0290, 16.3550

Monochromacy



Original Color

167.6540, -9.2680, 35.8200

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.7630, -3.1660, 13.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.6540, -9.2680, 35.8200 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(181, 147, 239)` looks like.

```
.text, #text, p{  
    color:rgb(181, 147, 239)  
}
```

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(181, 147, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 147, 239) }
```

Border

The CSS property to change the border of an element to YIQ 167.6540, -9.2680, 35.8200 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(181, 147, 239) }
```


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

```
.border{ border-color:rgb(181, 147, 239) }
```

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

Here you see how a box with a 4 pixel rgb(181, 147, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 147, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 147, 239);  
box-shadow:4px 4px 4px 4px rgb(181, 147,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 167.6540, -9.2680, 35.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 147, 239) }
```

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

```
.background{ background-color: rgb(181,  
147, 239) }
```

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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