

Converting Colors

YIQ(170.9560, 4.4410, 35.1690)

Have a look what the booklet for
YIQ(170.9560, 4.4410, 35.1690)
contains.

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Color

**YIQ(170.9560, 4.4410,
35.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	C593E2
RGB	197, 147, 226
RGB Percent	77%, 58%, 89%
CMY	0.2273, 0.4236, 0.1138
CMYK	0.13, 0.35, 0.00, 0.11
HSL	278°, 58%, 73%
HSV	278°, 35%, 89%
XYZ	47.1936, 38.2274, 76.8348
YIQ	170.9560, 4.4410, 35.1690

Conversions

Conversions Part 2

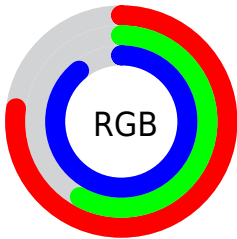
Format	Color
R_{YB}	197, 147, 226
Decimal	12948450
CIE _{Lab}	68.19, 33.05, -32.91
CIE _{LCh}	68, 46.639, 315.125
Yxy	38.2274, 0.2909, 0.2356
Android (android.graphics.Color)	4291138530 (0xFFC593E2)
YUV	170.9560, 27.1367, 22.8406
Hunter-Lab	61.8284, 28.0495, -30.4005

Details

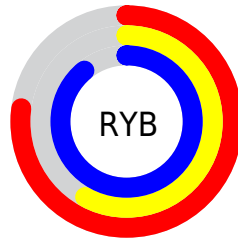
The YIQ color $170.9560, 4.4410, 35.1690$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $202.0440, -4.4410, -35.1690$, and the grayscale version is $171.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.8890, 14.5750, 27.7190$, and $117.6030, 3.9370, 33.2890$ is the 20% darker color. If you saturate the color by 10%, you get $155.0630, 5.9980, 45.5020$, and if you desaturate by 10%, it is $186.8490, 2.8840, 24.8360$.

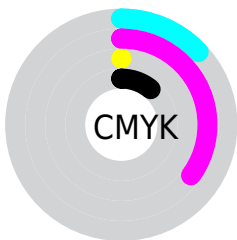
Distribution



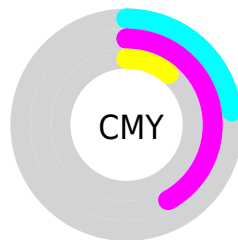
- Red (77%)
- Green (58%)
- Blue (89%)



- Red (77%)
- Yellow (58%)
- Blue (89%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.9560, 4.4410, 35.1690 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 170.9560, 4.4410, 35.1690 by changing the saturation by 10% instead.

170.9560, 4.4410,
35.1690

170.9560, 4.4410,
35.1690

255.0000, -0.0000,
-0.0000

144.1300, 3.8910,
34.1230

223.8890, 14.5750,
27.7190

117.6030, 3.9370,
33.2890

240.3250, 6.8750,
13.0750

92.7770, 3.3870,
32.2430

67.9510, 2.8370,
31.1970

44.1250, 2.2870,
30.1510

20.4130, 1.4160,
29.4160

11.2240, -2.8460,

18.5460

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 170.9560, 4.4410,
35.1690

■ 170.9560, 4.4410,
35.1690

■ 155.0630, 5.9980,
45.5020

■ 186.8490, 2.8840,
24.8360

■ 139.4580, 6.6840,
55.1000

■ 202.4540, 2.1980,
15.2380

■ 123.5650, 8.2410,
65.4330

■ 218.3470, 0.6410,
4.9050

■ 108.2590, 9.5230,
75.2430

■ 233.6530, -0.6410,
-4.9050

■ 92.3660, 11.0800,
85.5760

■ 246.6110, -0.8230,
-12.6230

■ 76.1740, 12.0410,
95.6970

■ 249.3020, 4.5410,
-10.7150

■ 68.5210, 12.6820,
100.6020

■ 251.6940, 9.3090,
-9.0190

Harmonies

Analogous

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



164.5030, -43.0560, 20.4000



170.9560, 4.4410, 35.1690



170.1700, 41.9450, 38.3050

Triad

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



170.9560, 4.4410, 35.1690



163.9380, 55.2960, -10.9440



131.6740, -111.7270, -40.1670

Complementary

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



170.9560, 4.4410, 35.1690



202.0440, -4.4410, -35.1690

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.



142.8260, -62.4850, -40.5090



170.9560, 4.4410, 35.1690



160.8540, 28.5690, -27.6790

Square

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



170.9560, 4.4410, 35.1690



165.9420, 67.8090, 10.0890



155.2930, -9.5760, -35.7200



134.2450, -123.1000, -26.7800

Rectangle

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



170.9560, 4.4410, 35.1690



168.5060, 58.3140, 33.4980



155.2930, -9.5760, -35.7200



129.9640, -106.9120, -44.8320

Sweetspot

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



170.9560, 4.4410, 35.1690



237.6340, 1.5110, 11.1670



173.0290, -33.3340, 9.4020



116.8140, 0.8240, 7.0960



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.



170.9560, 4.4410, 35.1690



180.5300, 6.1810, 47.6930



178.3730, 25.2560, 37.8960



104.3470, 0.6410, 4.9050



53.2530, 9.6600, 78.2680



14.7410, 3.0680, 21.5000

Inverse Universe

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



173.9270, 37.7750, 25.7670



184.4390, 51.2530, 34.8130



194.6270, -25.2560, -37.8960



104.7450, 5.2720, 3.5760



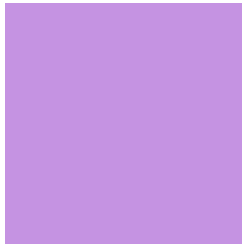
59.9200, 84.3520, 57.2160



16.4040, 22.8300, 15.7740

Previews

White Background



This preview shows how the YIQ color 170.9560, 4.4410, 35.1690 looks on a white background.

Color Contrast Check

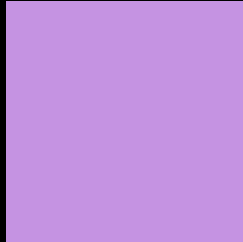
Large Text (above 18pt) WCAG AA × Fail

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 170.9560, 4.4410, 35.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

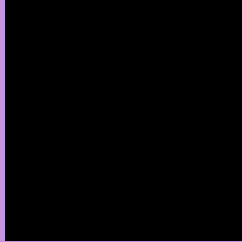
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.9560, 4.4410, 35.1690

Background



This preview shows how black text looks on a background with the YIQ color 170.9560, 4.4410, 35.1690.



This preview shows how white text looks on a background with the YIQ color 170.9560, 4.4410,

35.1690.

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

170.9560, 4.4410, 35.1690

Protanopia

165.9720, -37.1870, 18.6610

Deuteranopia

166.8390, -26.6870, 15.5930



Tritanopia

168.4520, 13.7070, 10.4030

Trichromacy



Original Color

170.9560, 4.4410, 35.1690

Protanomaly

167.8600, -22.0120, 24.4840

Deuteranomaly

168.5140, -15.2260, 22.6460

Tritanomaly

169.2810, 10.1750, 19.3510

Monochromacy



Original Color

170.9560, 4.4410, 35.1690

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.6880, 1.4190, 12.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.9560, 4.4410, 35.1690 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(197, 147, 226)` looks like.

```
.text, #text, p{  
    color:rgb(197, 147, 226)  
}
```

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(197, 147, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 147, 226) }
```

Border

The CSS property to change the border of an element to YIQ 170.9560, 4.4410, 35.1690 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(197, 147, 226) }
```


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

```
.border{ border-color:rgb(197, 147, 226) }
```

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

Here you see how a box with a 4 pixel rgb(197, 147, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 147, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 147, 226);  
box-shadow:4px 4px 4px 4px rgb(197, 147,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 170.9560, 4.4410, 35.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 147, 226) }
```

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

```
.background{ background-color: rgb(197,  
147, 226) }
```

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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