

Converting Colors

YIQ(179.8770, -2.3460, 42.5340)

Have a look what the booklet for
YIQ(179.8770, -2.3460, 42.5340)
contains.

YIQ(179.8770, -2.3460, 42.5340)	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(179.8770, -2.3460,
42.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	CC99FF
RGB	204, 153, 255
RGB Percent	80%, 60%, 100%
CMY	0.1998, 0.4001, 0.0001
CMYK	0.20, 0.40, 0.00, 0.00
HSL	270°, 100%, 80%
HSV	270°, 40%, 100%
XYZ	54.3489, 42.8381, 99.9928
YIQ	179.8770, -2.3460, 42.5340

Conversions

Conversions Part 2

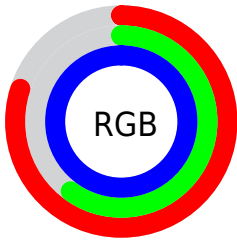
Format	Color
RYB	204, 153, 255
Decimal	13408767
CIELab	71.44, 38.09, -43.63
CIELCh	71, 57.919, 311.117
Yxy	42.8381, 0.2756, 0.2173
Android (android.graphics.Color)	4291598847 (0xFFCC99FF)
YUV	179.8770, 37.0356, 21.1559
Hunter-Lab	65.4508, 33.6834, -44.7650

Details

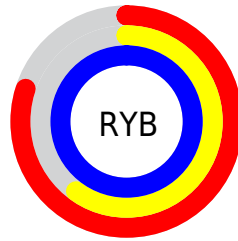
The YIQ color **179.8770, -2.3460, 42.5340** is a light color, and the websafe version is hex **CC99FF**, and the color name is **pale violet**. A complement of this color would be **228.1230, 2.3460, -42.5340**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.4110, 12.9250, 24.5810**, and **126.1110, -3.1250, 40.1310** is the 20% darker color. If you saturate the color by 10%, you get **160.7280, -2.9440, 53.3760**, and if you desaturate by 10%, it is **198.4390, -1.4730, 32.2150**.

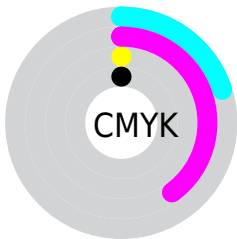
Distribution



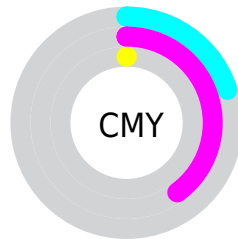
- Red (80%)
- Green (60%)
- Blue (100%)



- Red (80%)
- Yellow (60%)
- Blue (100%)



- Cyan (20%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.8770, -2.3460, 42.5340 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 179.8770, -2.3460, 42.5340 by changing the saturation by 10% instead.


 179.8770, -2.3460,
42.5340


 179.8770, -2.3460,
42.5340


255.0000, -0.0000,
-0.0000


 152.9370, -2.5750,
41.1770


 227.4110, 12.9250,
24.5810


 126.1110, -3.1250,
40.1310

 244.4340, 4.9500,
9.4140

 100.1710, -3.3540,
38.7740

 74.9320, -4.1790,
37.2050

 50.1060, -4.7290,
36.1590

 24.8070, -5.3250,
35.9470

 13.1340, -11.1000,

24.9640

■ 6.3040, -14.9950,
12.9490

■ 3.2090, -7.6580,
6.6300

■ 179.8770, -2.3460,
42.5340

■ 179.8770, -2.3460,
42.5340

■ 160.7280, -2.9440,
53.3760

■ 198.4390, -1.4730,
32.2150

■ 142.4650, -3.2210,
63.9070

■ 217.5880, -0.8750,
21.3730

■ 123.3160, -3.8190,
74.7490

■ 235.8510, -0.5980,
10.8420

■ 104.7540, -4.6920,
85.0680

255.0000, -0.0000,
-0.0000

■ 85.6050, -5.2900,
95.9100

■ 67.3420, -5.5670,
106.4410

Harmonies

Analogous

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



165.8920, -60.5690, 12.8950



179.8770, -2.3460, 42.5340



178.5440, 47.1240, 49.0760

Triad

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



179.8770, -2.3460, 42.5340



171.6100, 70.8390, -11.7930



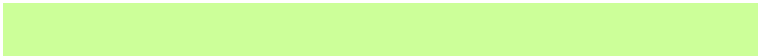
140.1030, -117.5490, -44.7890

Complementary

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



179.8770, -2.3460, 42.5340



228.1230, 2.3460, -42.5340

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.



139.8350, -85.0400, -55.7600



179.8770, -2.3460, 42.5340



167.5100, 41.0410, -33.4470

Square

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



179.8770, -2.3460, 42.5340



170.7370, 78.8120, 14.4280



160.8770, -5.7690, -44.1450



144.5150, -132.7280, -28.5040

Rectangle

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



179.8770, -2.3460, 42.5340



171.3310, 60.6050, 41.5410



160.8770, -5.7690, -44.1450



137.9370, -111.4500, -50.6980

Sweetspot

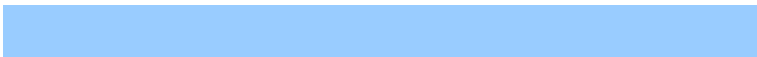
The Sweet Spot groups the original color and five complimentary colors.



179.8770, -2.3460, 42.5340



232.3180, -0.4150, 13.0330



194.5650, -46.7670, 5.0490



114.7430, -0.4140, 7.5060



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.



179.8770, -2.3460, 42.5340



165.1470, -2.8060, 50.8740



195.1260, 28.0500, 53.3460



118.2760, -0.5970, 5.3150



50.4780, -4.0950, 79.7530



16.8640, -1.4720, 26.6880

Inverse Universe

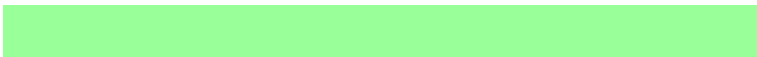
The Inverse Universe completely reimagines the original color for something new.



189.3120, 44.4210, 37.4850



176.4320, 53.1310, 44.8350



212.8740, -28.0500, -53.3460



119.5710, 5.8220, 4.6220



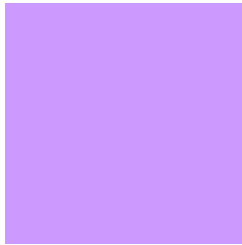
67.9390, 83.3410, 70.0370



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 179.8770, -2.3460, 42.5340 looks on a white background.

Color Contrast Check

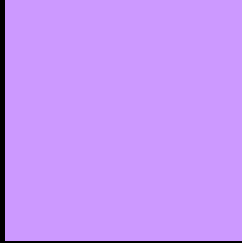
Large Text (above 18pt) WCAG AA × Fail

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 179.8770, -2.3460, 42.5340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

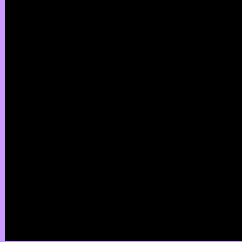
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.8770, -2.3460, 42.5340

Background



This preview shows how black text looks on a background with the YIQ color 179.8770, -2.3460, 42.5340.



This preview shows how white text looks on a background with the YIQ color 179.8770, -2.3460,

42.5340.

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

179.8770, -2.3460, 42.5340

Protanopia

174.5740, -41.8180, 19.9900

Deuteranopia

174.4060, -41.4050, 18.0110



Tritanopia

177.3590, 9.5350, 8.9190

Trichromacy



Original Color

179.8770, -2.3460, 42.5340



Protanomaly

176.7440, -27.3770, 28.1030



Deuteranomaly

176.1030, -27.0100, 26.9580



Tritanomaly

178.1110, 4.9020, 21.3020

Monochromacy



Original Color

179.8770, -2.3460, 42.5340



Achromatopsia

180.0000, -0.0000, -0.0000



Achromatomaly

179.8990, -0.5530, 15.5350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.8770, -2.3460, 42.5340 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(204, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 255)  
}
```

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(204, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 255) }
```

Border

The CSS property to change the border of an element to YIQ 179.8770, -2.3460, 42.5340 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(204, 153, 255) }
```


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

```
.border{ border-color:rgb(204, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 179.8770, -2.3460, 42.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 255) }
```

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

```
.background{ background-color: rgb(204,  
153, 255) }
```

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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