

Converting Colors

YIQ(196.5370, 43.2970,
-85.3670)

Have a look what the booklet for
YIQ(196.5370, 43.2970, -85.3670)
contains.

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Color

**YIQ(196.5370, 43.2970,
-85.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F003
RGB	185, 240, 3
RGB Percent	73%, 94%, 1%
CMY	0.2748, 0.0587, 0.9877
CMYK	0.23, 0.00, 0.99, 0.06
HSL	74°, 97%, 48%
HSV	74°, 99%, 94%
XYZ	51.1741, 72.6456, 11.4136
YIQ	196.5370, 43.2970, -85.3670

Conversions

Conversions Part 2

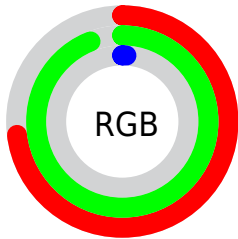
Format	Color
R _Y B	3, 240, 58
Decimal	12185603
CIE Lab	88.28, -42.71, 85.49
CIE LCh	88, 95.566, 116.549
Yxy	72.6456, 0.3784, 0.5372
Android (android.graphics.Color)	4290375683 (0xFFB9F003)
YUV	196.5370, -95.4137, -10.1179
Hunter-Lab	85.2324, -41.9842, 51.7231

Details

The YIQ color **196.5370, 43.2970, -85.3670** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle saturated chartreuse. A complement of this color would be **46.4630, -43.2970, 85.3670**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.4280, 46.3630, -52.8130**, and **145.6820, 24.4960, -69.5200** is the 20% darker color. If you saturate the color by 10%, you get **195.8960, 43.6640, -86.5120**, and if you desaturate by 10%, it is **201.0670, 39.1690, -76.6310**.

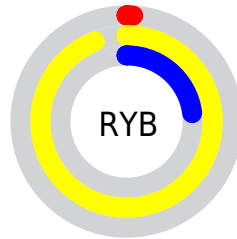
Distribution



Red (73%)

Green (94%)

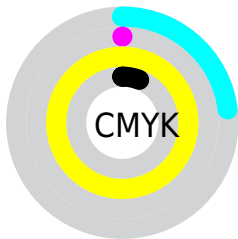
Blue (1%)



Red (1%)

Yellow (94%)

Blue (23%)

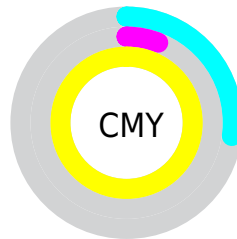


Cyan (23%)

Magenta (0%)

Yellow (99%)

Black (6%)



Cyan (27%)


Magenta (6%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.5370, 43.2970, -85.3670 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 196.5370, 43.2970, -85.3670 by changing the saturation by 10% instead.


 196.5370, 43.2970,
-85.3670


 196.5370, 43.2970,
-85.3670


255.0000, -0.0000,
-0.0000


 170.7890, 34.0800,
-78.0160

 233.4280, 46.3630,
-52.8130


 145.6820, 24.4960,
-69.5200


 239.9520, 42.3720,
-41.0520


 120.8630, 14.0410,
-61.7590


 243.2580, 33.0630,
-32.0330

 96.3430, 4.1820,
-53.7860

 246.6780, 23.4330,
-22.7030

 71.5020, -9.2070,
-47.9190

 250.0980, 13.8030,
-13.3730

 46.9600, -22.0000,
-41.8400

 253.5180, 4.1730,

 32.8720, -15.4000,

-4.0430

-29.2880

■ 20.5450, -9.6250,
-18.3050

■ 0.0000, 0.0000,
0.0000

■ 196.5370, 43.2970,
-85.3670

■ 196.5370, 43.2970,
-85.3670

■ 195.8960, 43.6640,
-86.5120

■ 201.0670, 39.1690,
-76.6310

■ 205.2980, 34.4450,
-68.1070

■ 209.8280, 30.3170,
-59.3710

■ 214.0590, 25.5930,
-50.8470

■ 218.5890, 21.4650,
-42.1110

■ 222.8200, 16.7410,
-33.5870

■ 227.3500, 12.6130,
-24.8510

■ 231.8800, 8.4850,
-16.1150

■ 236.1110, 3.7610,
-7.5910

Harmonies

Analogous

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



201.8630, 93.1300, -57.8620



196.5370, 43.2970, -85.3670



162.6810, -106.7190, -97.9110

Triad

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



196.5370, 43.2970, -85.3670



178.7550, -151.9800, -54.0600



177.1110, 41.5740, 61.5580

Complementary

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



196.5370, 43.2970, -85.3670



46.4630, -43.2970, 85.3670

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.



198.0610, 26.6750, 50.7310



196.5370, 43.2970, -85.3670



167.6020, -146.7550, -44.1230

Square

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



196.5370, 43.2970, -85.3670



178.7550, -151.9800, -54.0600



206.2480, -20.5890, 15.2110



173.3080, 67.4390, 27.8150

Rectangle

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



196.5370, 43.2970, -85.3670



169.7490, -126.6210, -78.6290



206.2480, -20.5890, 15.2110



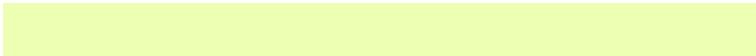
183.3860, 33.5500, 63.8060

Sweetspot

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



196.5370, 43.2970, -85.3670



240.9540, 13.6680, -27.4520



103.8000, 127.2270, 23.5710



119.4670, 8.2100, -16.6380



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.



196.5370, 43.2970, -85.3670



208.2890, 46.6910, -91.8130



162.1520, -25.2430, -109.7470



117.7350, 2.0640, -4.3680



150.1670, 33.4360, -66.3400



45.7290, 10.2280, -20.1720

Inverse Universe

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



46.4630, -43.2970, 85.3670



46.7110, -46.6910, 91.8130



80.8480, 25.2430, 109.7470



110.2650, -2.0640, 4.3680



33.8330, -33.4360, 66.3400



10.2710, -10.2280, 20.1720

Previews

White Background



This preview shows how the YIQ color 196.5370, 43.2970, -85.3670 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 196.5370, 43.2970, -85.3670 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 196.5370, 43.2970, -85.3670

Background



This preview shows how black text looks on a background with the YIQ color 196.5370, 43.2970, -85.3670.



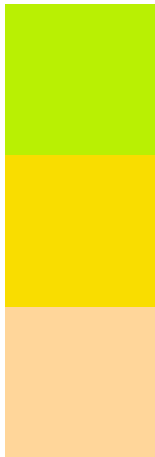
This preview shows how white text looks on a background with the YIQ color 196.5370, 43.2970, -85.3670.

-85.3670.

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

196.5370, 43.2970, -85.3670

Protanopia

204.1780, 87.6290, -62.7950

Deuteranopia

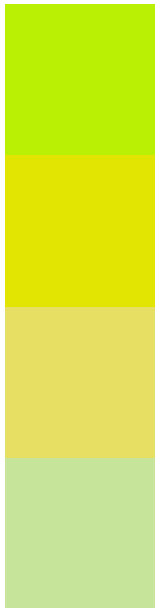
219.4190, 43.6960, -9.9680



Tritanopia

219.9690, -15.9100, 1.9940

Trichromacy



Original Color

196.5370, 43.2970, -85.3670

Protanomaly

201.5240, 71.6750, -71.0210

Deuteranomaly

210.9570, 43.9760, -37.0800

Tritanomaly

211.1810, 5.5990, -29.8970

Monochromacy



Original Color

196.5370, 43.2970, -85.3670

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1020, 16.0070, -31.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.5370, 43.2970, -85.3670 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(185, 240, 3)` looks like.

```
.text, #text, p{  
    color:rgb(185, 240, 3)  
}
```

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(185, 240, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 240, 3) }
```

Border

The CSS property to change the border of an element to YIQ 196.5370, 43.2970, -85.3670 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(185, 240, 3) }
```


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

```
.border{ border-color:rgb(185, 240, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 240, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 240, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 240, 3);  
box-shadow:4px 4px 4px 4px rgb(185, 240,  
3) }
```

Background

The CSS property to change the background color of an element to YIQ 196.5370, 43.2970, -85.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 240, 3) }
```

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

```
.background{ background-color: rgb(185,  
240, 3) }
```

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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