

Converting Colors

YIQ(126.9480, -5.6720,
-73.4480)

Have a look what the booklet for
YIQ(126.9480, -5.6720, -73.4480)
contains.

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Color

**YIQ(126.9480, -5.6720,
-73.4480)**

Conversions

Conversions Part 1

Format	Color
Hex	4CB008
RGB	76, 176, 8
RGB Percent	30%, 69%, 3%
CMY	0.7023, 0.3096, 0.9685
CMYK	0.57, 0.00, 0.95, 0.31
HSL	96°, 91%, 36%
HSV	96°, 95%, 69%
XYZ	18.5510, 32.6175, 5.5486
YIQ	126.9480, -5.6720, -73.4480

Conversions

Conversions Part 2

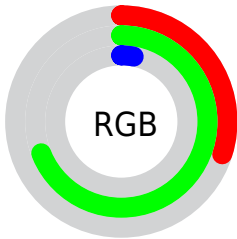
Format	Color
RYB	8, 176, 108
Decimal	5025800
CIELab	63.85, -54.15, 63.52
CIELCh	64, 83.470, 130.445
Yxy	32.6175, 0.3271, 0.5751
Android (android.graphics.Color)	4283215880 (0xFF4CB008)
YUV	126.9480, -58.6414, -44.6814
Hunter-Lab	57.1117, -41.9652, 34.2180

Details


The YIQ color **126.9480, -5.6720, -73.4480** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **57.0520, 5.6720, 73.4480**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.7400, -7.7820, -68.2460**, and **71.6140, -33.5500, -63.8060** is the 20% darker color. If you saturate the color by 10%, you get **124.5410, -6.0840, -76.9960**, and if you desaturate by 10%, it is **131.9900, -5.4900, -65.7300**.

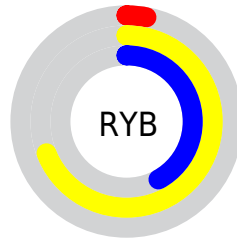
Distribution



 Red (30%)

 Green (69%)

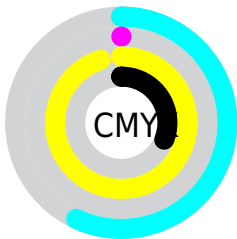
 Blue (3%)




 Red (3%)

 Yellow (69%)

 Blue (42%)

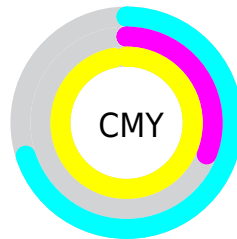


 Cyan (57%)


 Magenta (0%)

 Yellow (95%)

 Black (31%)



 Cyan (70%)

 Magenta (31%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.9480, -5.6720, -73.4480 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 126.9480, -5.6720, -73.4480 by changing the saturation by 10% instead.

126.9480, -5.6720,
-73.4480

126.9480, -5.6720,
-73.4480

255.0000, -0.0000,
-0.0000

100.0210,
-15.9430, -69.0230

186.3270, -8.0570,
-68.7690

71.6140, -33.5500,
-63.8060

211.1040, -5.8110,
-65.4190

56.9390, -26.6750,
-50.7310

222.9670, 2.4850,
-50.5630

42.2640, -19.8000,
-37.6560

235.1290, 11.3770,
-35.4950

28.7630, -13.4750,
-25.6270

247.7040, 20.5440,
-19.9040

12.9140, -6.0500,
-11.5060

251.0100, 11.2350,

0.0000, 0.0000,

-10.8850

0.0000

254.3160, 1.9260,
-1.8660

126.9480, -5.6720,
-73.4480

126.9480, -5.6720,
-73.4480

124.5410, -6.0840,
-76.9960

131.9900, -5.4900,
-65.7300

137.2170, -4.3910,
-58.1110

142.2590, -4.2090,
-50.3930

147.4860, -3.1100,
-42.7740

152.5280, -2.9280,
-35.0560

■ 157.8690, -2.1500,
-27.1260

■ 162.7970, -1.6470,
-19.7190

■ 168.1380, -0.8690,
-11.7890

■ 173.0660, -0.3660,
-4.3820

Harmonies

Analogous

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



142.6570, 53.1480, -49.1240



126.9480, -5.6720, -73.4480



119.5220, -83.0210, -64.8210

Triad

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



126.9480, -5.6720, -73.4480



132.3820, -130.2550, -12.7430



128.8610, 92.0080, 61.6400

Complementary

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



126.9480, -5.6720, -73.4480



57.0520, 5.6720, 73.4480

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.



146.6890, 63.8540, 76.2860



126.9480, -5.6720, -73.4480



120.0550, -124.4800, -1.7600

Square

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



126.9480, -5.6720, -73.4480



137.6820, -131.4000, -19.5280



156.3090, -3.0820, 55.8780



139.5510, 105.9990, 22.8230

Rectangle

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



126.9480, -5.6720, -73.4480



127.3250, -100.8590, -49.9070



156.3090, -3.0820, 55.8780



131.1240, 84.2580, 69.9380

Sweetspot

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



126.9480, -5.6720, -73.4480



210.4020, -2.3330, -29.3170



115.7580, 73.1780, -15.6380



103.2640, -1.4640, -17.5280



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



126.9480, -5.6720, -73.4480



162.8170, -7.8220, -100.5740



108.2120, -50.6940, -83.5100



86.4790, -0.0910, -3.8590



108.3490, -5.1230, -66.8750



18.2520, -1.1900, -11.4780

Inverse Universe

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



57.0520, 5.6720, 73.4480



67.1830, 7.8220, 100.5740



75.7880, 50.6940, 83.5100



82.8200, 0.6870, 4.0710



44.6510, 5.1230, 66.8750



7.4490, 0.5940, 11.2660

Previews

White Background



This preview shows how the YIQ color 126.9480, -5.6720, -73.4480 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 126.9480, -5.6720, -73.4480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

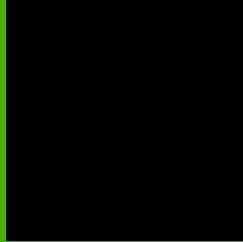
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 126.9480, -5.6720, -73.4480

Background



This preview shows how black text looks on a background with the YIQ color 126.9480, -5.6720, -73.4480.



This preview shows how white text looks on a background with the YIQ color 126.9480, -5.6720, -73.4480.

-73.4480.

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

126.9480, -5.6720, -73.4480

Protanopia

142.1250, 60.7580, -43.8660

Deuteranopia

147.6270, 63.0010, -23.9350



Tritanopia

147.2430, -40.5290, -8.8890

Trichromacy



Original Color

126.9480, -5.6720, -73.4480

Protanomaly

136.6980, 36.7350, -54.5370

Deuteranomaly

139.9730, 37.8790, -42.2250

Tritanomaly

139.6470, -28.0080, -32.0720

Monochromacy



Original Color

126.9480, -5.6720, -73.4480

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.9830, -2.4710, -26.8150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.9480, -5.6720, -73.4480 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(76, 176, 8)` looks like.

```
.text, #text, p{  
    color:rgb(76, 176, 8)  
}
```

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(76, 176, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 176, 8) }
```

Border

The CSS property to change the border of an element to YIQ 126.9480, -5.6720, -73.4480 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(76, 176, 8) }
```


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

```
.border{ border-color:rgb(76, 176, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 176, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 176, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 176, 8);  
box-shadow:4px 4px 4px 4px rgb(76, 176, 8)  
}
```

Background

The CSS property to change the background color of an element to YIQ 126.9480, -5.6720, -73.4480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 176, 8) }
```

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

```
.background{ background-color: rgb(76, 176,  
8) }
```

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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