

Converting Colors

YIQ(154.8460, 3.5430, -69.7450)

Have a look what the booklet for
YIQ(154.8460, 3.5430, -69.7450)
contains.

YIQ(154.8460, 3.5430, -69.7450)	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(154.8460, 3.5430,
-69.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	73C720
RGB	115, 199, 32
RGB Percent	45%, 78%, 13%
CMY	0.5493, 0.2195, 0.8743
CMYK	0.42, 0.00, 0.84, 0.22
HSL	90°, 72%, 45%
HSV	90°, 84%, 78%
XYZ	27.7527, 44.6070, 8.5164
YIQ	154.8460, 3.5430, -69.7450

Conversions

Conversions Part 2

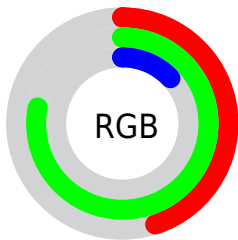
Format	Color
RYB	32, 199, 116
Decimal	7587616
CIELab	72.63, -50.33, 67.28
CIELCh	73, 84.021, 126.796
Yxy	44.6070, 0.3432, 0.5515
Android (android.graphics.Color)	4285777696 (0xFF73C720)
YUV	154.8460, -60.5631, -34.9449
Hunter-Lab	66.7884, -42.7074, 39.1917

Details

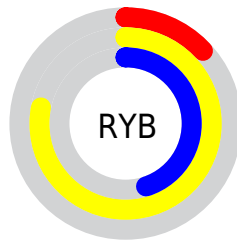
The YIQ color **154.8460, 3.5430, -69.7450** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **76.1540, -3.5430, 69.7450**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1280, 2.8090, -67.4550**, and **100.6740, -7.4160, -63.8640** is the 20% darker color. If you saturate the color by 10%, you get **149.5760, 4.0030, -78.0850**, and if you desaturate by 10%, it is **160.1160, 3.0830, -61.4050**.

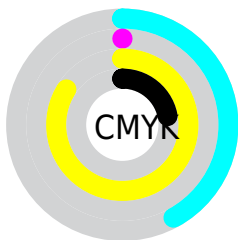
Distribution



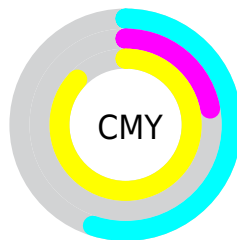
- Red (45%)
- Green (78%)
- Blue (13%)



- Red (13%)
- Yellow (78%)
- Blue (45%)



- Cyan (42%)
- Magenta (0%)
- Yellow (84%)
- Black (22%)



- Cyan (55%)
- Magenta (22%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.8460, 3.5430, -69.7450 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 154.8460, 3.5430, -69.7450 by changing the saturation by 10% instead.

■ 154.8460, 3.5430,
-69.7450

■ 154.8460, 3.5430,
-69.7450

■ 255.0000, -0.0000,
-0.0000

■ 125.7920, 3.6350,
-71.4130

■ 212.1280, 2.8090,
-67.4550

■ 100.6740, -7.4160,
-63.8640

■ 224.2900, 11.7010,
-52.3870

■ 72.8540, -25.2980,
-59.1700

■ 236.1530, 19.9970,
-37.5310

■ 54.5910, -25.5750,
-48.6390

■ 246.3360, 24.3960,
-23.6360

■ 39.9160, -18.7000,
-35.5640

■ 249.6420, 15.0870,
-14.6170

■ 27.0020, -12.6500,
-24.0580

■ 252.9480, 5.7780,

■ 9.9790, -4.6750,

-5.5980

-8.8910

■ 0.0000, 0.0000,
0.0000

■ 154.8460, 3.5430,
-69.7450

■ 154.8460, 3.5430,
-69.7450

■ 149.5760, 4.0030,
-78.0850

■ 160.1160, 3.0830,
-61.4050

■ 146.4140, 4.2790,
-83.0890

■ 165.3860, 2.6230,
-53.0650

■ 170.6560, 2.1630,
-44.7250

■ 175.9260, 1.7030,
-36.3850

■ 181.1960, 1.2430,
-28.0450

■ 186.3520, 1.1040,
-20.0160

■ 191.6220, 0.6440,
-11.6760

■ 196.8920, 0.1840,
-3.3360

■ 202.1620, -0.2760,
5.0040

Harmonies

Analogous

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



164.5630, 67.9120, -52.3760



154.8460, 3.5430, -69.7450



135.6790, -94.0690, -73.8530

Triad

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



154.8460, 3.5430, -69.7450



147.6440, -137.4050, -26.3410



149.5320, 73.7610, 56.4250

Complementary

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



154.8460, 3.5430, -69.7450



76.1540, -3.5430, 69.7450

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.



168.7620, 44.4150, 70.6470



154.8460, 3.5430, -69.7450



135.9040, -131.9050, -15.8810

Square

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



154.8460, 3.5430, -69.7450



152.9270, -139.8800, -31.0480



176.6320, -3.0340, 43.9900



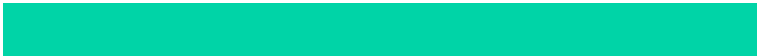
154.5970, 91.1900, 21.3820

Rectangle

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



154.8460, 3.5430, -69.7450



143.4820, -111.9070, -58.9390



176.6320, -3.0340, 43.9900



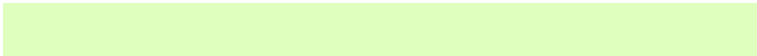
153.6700, 64.8650, 63.4650

Sweetspot

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



154.8460, 3.5430, -69.7450



238.1360, 1.4720, -26.6880



131.2410, 76.4320, -8.5280



117.5740, 0.5990, -16.3690



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.



154.8460, 3.5430, -69.7450



187.6580, 5.5670, -106.4410



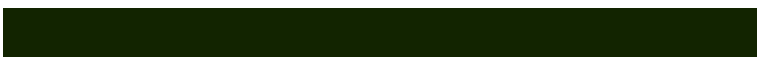
130.0290, -45.9250, -87.3410



96.4790, -0.0910, -3.8590



119.9000, 3.4510, -68.0770



26.5140, 0.8280, -15.0120

Inverse Universe

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



76.1540, -3.5430, 69.7450



67.3420, -5.5670, 106.4410



100.9710, 45.9250, 87.3410



92.5210, 0.0910, 3.8590



43.1000, -3.4510, 68.0770



9.4860, -0.8280, 15.0120

Previews

White Background



This preview shows how the YIQ color 154.8460, 3.5430, -69.7450 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 154.8460, 3.5430, -69.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

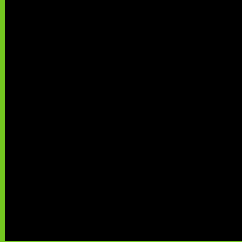
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.8460, 3.5430, -69.7450

Background



This preview shows how black text looks on a background with the YIQ color 154.8460, 3.5430, -69.7450.



This preview shows how white text looks on a background with the YIQ color 154.8460, 3.5430, -69.7450.

-69.7450.

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

154.8460, 3.5430, -69.7450

Protanopia

167.2500, 61.9040, -42.6080

Deuteranopia

170.6940, 70.0620, -25.2500



Tritanopia

172.6570, -32.8270, -5.2990

Trichromacy



Original Color

154.8460, 3.5430, -69.7450

Protanomaly

162.9050, 40.5860, -52.7420

Deuteranomaly

164.6920, 46.0400, -41.4480

Tritanomaly

166.2460, -19.3890, -28.5810

Monochromacy



Original Color

154.8460, 3.5430, -69.7450

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.7770, 1.1050, -25.5430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.8460, 3.5430, -69.7450 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(115, 199, 32)` looks like.

```
.text, #text, p{  
    color:rgb(115, 199, 32)  
}
```

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(115, 199, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 199, 32) }
```

Border

The CSS property to change the border of an element to YIQ 154.8460, 3.5430, -69.7450 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(115, 199, 32) }
```


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

```
.border{ border-color:rgb(115, 199, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 199, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 199, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 199, 32);  
box-shadow:4px 4px 4px 4px rgb(115, 199,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 154.8460, 3.5430, -69.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 199, 32) }
```

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

```
.background{ background-color: rgb(115,  
199, 32) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor