

Converting Colors

YIQ(149.8560, 23.9460,
-70.5660)

Have a look what the booklet for
YIQ(149.8560, 23.9460, -70.5660)
contains.

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Color

**YIQ(149.8560, 23.9460,
-70.5660)**

Conversions

Conversions Part 1

Format	Color
Hex	81BD03
RGB	129, 189, 3
RGB Percent	51%, 74%, 1%
CMY	0.4944, 0.2587, 0.9879
CMYK	0.32, 0.00, 0.98, 0.26
HSL	79°, 97%, 38%
HSV	79°, 98%, 74%
XYZ	27.2629, 41.0745, 6.5792
YIQ	149.8560, 23.9460, -70.5660

Conversions

Conversions Part 2

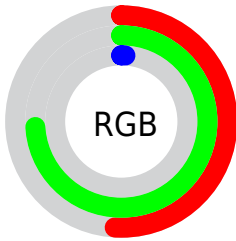
Format	Color
RYB	3, 189, 63
Decimal	8502531
CIELab	70.23, -41.93, 70.19
CIElCh	70, 81.756, 120.851
Yxy	41.0745, 0.3639, 0.5483
Android (android.graphics.Color)	4286692611 (0xFF81BD03)
YUV	149.8560, -72.4000, -18.2907
Hunter-Lab	64.0894, -36.2245, 38.7761

Details

The YIQ color **149.8560, 23.9460, -70.5660** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **42.1440, -23.9460, 70.5660**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.4350, 18.1220, -64.1340**, and **100.7730, 5.7870, -55.3410** is the 20% darker color. If you saturate the color by 10%, you get **149.2150, 24.3130, -71.7110**, and if you desaturate by 10%, it is **153.8160, 21.4230, -63.3850**.

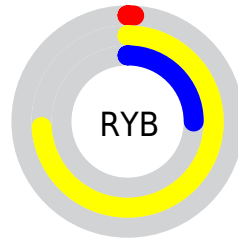
Distribution



Red (51%)

Green (74%)

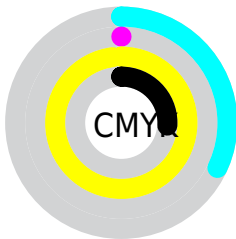
Blue (1%)



Red (1%)

Yellow (74%)

Blue (25%)

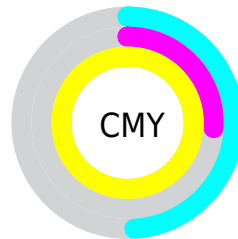


Cyan (32%)

Magenta (0%)

Yellow (98%)

Black (26%)



Cyan (49%)


Magenta (26%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.8560, 23.9460, -70.5660 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 149.8560, 23.9460, -70.5660 by changing the saturation by 10% instead.

 149.8560, 23.9460,
-70.5660


 149.8560, 23.9460,
-70.5660


255.0000, -0.0000,
-0.0000


 124.9940, 15.0500,
-63.5260


 209.4350, 18.1220,
-64.1340

 100.7730, 5.7870,
-55.3410


 226.6950, 23.6220,
-53.6740


 76.5410, -4.9430,
-48.1030


 238.8570, 32.5140,
-38.6060

 49.8950, -23.3750,
-44.4550

 244.8540, 28.5690,
-27.6790

 35.8070, -16.7750,
-31.9030

 248.1600, 19.2600,
-18.6600

 23.4800, -11.0000,
-20.9200

 251.4660, 9.9510,

 1.1740, -0.5500,

-9.6410

-1.0460

254.8860, 0.3210,
-0.3110

■ 0.0000, 0.0000,
0.0000

■ 149.8560, 23.9460,
-70.5660

■ 149.8560, 23.9460,
-70.5660

■ 149.2150, 24.3130,
-71.7110

■ 153.8160, 21.4230,
-63.3850

■ 157.7760, 18.9000,
-56.2040

■ 161.7360, 16.3770,
-49.0230

■ 165.6960, 13.8540,
-41.8420

■ 169.6560, 11.3310,
-34.6610

■ 173.8010, 9.7250,
-27.5790

■ 177.7610, 7.2020,
-20.3980

■ 181.7210, 4.6790,
-13.2170

■ 185.6810, 2.1560,
-6.0360

Harmonies

Analogous

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



160.1990, 75.1090, -45.1390



149.8560, 23.9460, -70.5660



128.2300, -85.4950, -75.0550

Triad

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



149.8560, 23.9460, -70.5660



144.7090, -136.0300, -23.7260



148.7970, 71.6970, 60.7930

Complementary

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



149.8560, 23.9460, -70.5660



42.1440, -23.9460, 70.5660

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.



171.0930, 41.9850, 70.6330



149.8560, 23.9460, -70.5660



134.7300, -131.3550, -14.8350

Square

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



149.8560, 23.9460, -70.5660



148.3790, -135.3410, -30.7090



168.5370, -22.0600, 36.3720



149.2800, 91.0050, 30.2450

Rectangle

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



149.8560, 23.9460, -70.5660



136.3920, -102.9660, -61.2860



168.5370, -22.0600, 36.3720



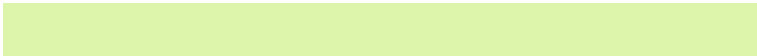
153.9950, 62.5720, 66.4760

Sweetspot

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



149.8560, 23.9460, -70.5660



229.3880, 9.4500, -28.1020



93.2470, 94.6310, 8.5750



112.7980, 5.7800, -16.6520



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



149.8560, 23.9460, -70.5660



193.4490, 31.5610, -92.9430



122.3480, -30.8860, -90.0700



92.0770, 1.1010, -3.4350



124.7390, 20.3220, -59.9500



24.4760, 3.9910, -11.7610

Inverse Universe

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



42.1440, -23.9460, 70.5660



51.5510, -31.5610, 92.9430



69.6520, 30.8860, 90.0700



86.9230, -1.1010, 3.4350



33.2610, -20.3220, 59.9500



6.5240, -3.9910, 11.7610

Previews

White Background



This preview shows how the YIQ color 149.8560, 23.9460, -70.5660 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 149.8560, 23.9460, -70.5660 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 149.8560, 23.9460, -70.5660

Background



This preview shows how black text looks on a background with the YIQ color 149.8560, 23.9460, -70.5660.



This preview shows how white text looks on a background with the YIQ color 149.8560, 23.9460,

-70.5660.

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

149.8560, 23.9460, -70.5660

Protanopia

158.0840, 68.0030, -48.5170

Deuteranopia

163.4830, 72.0340, -27.9500



Tritanopia

169.2240, -21.1820, -1.5820

Trichromacy



Original Color

149.8560, 23.9460, -70.5660

Protanomaly

155.4300, 52.0490, -56.7430

Deuteranomaly

158.7160, 54.6600, -43.4840

Tritanomaly

162.3140, -4.9010, -26.8290

Monochromacy



Original Color

149.8560, 23.9460, -70.5660

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.7840, 8.3950, -25.5010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.8560, 23.9460, -70.5660 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(129, 189, 3)` looks like.

```
.text, #text, p{  
    color:rgb(129, 189, 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(129, 189, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 189, 3) }
```

Border

The CSS property to change the border of an element to YIQ 149.8560, 23.9460, -70.5660 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(129, 189, 3) }
```


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

```
.border{ border-color:rgb(129, 189, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 189, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 189, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 189, 3);  
box-shadow:4px 4px 4px 4px rgb(129, 189,  
3) }
```

Background

The CSS property to change the background color of an element to YIQ 149.8560, 23.9460, -70.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 189, 3) }
```

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

```
.background{ background-color: rgb(129,  
189, 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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