

Converting Colors

YIQ(149.9180, 8.7450, 67.3130)

Have a look what the booklet for
YIQ(149.9180, 8.7450, 67.3130)
contains.

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Color

**YIQ(149.9180, 8.7450,
67.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	C868FF
RGB	200, 104, 255
RGB Percent	78%, 41%, 100%
CMY	0.2154, 0.5923, 0.0001
CMYK	0.22, 0.59, 0.00, 0.00
HSL	278°, 100%, 70%
HSV	278°, 59%, 100%
XYZ	46.8343, 29.4019, 97.7967
YIQ	149.9180, 8.7450, 67.3130

Conversions

Conversions Part 2

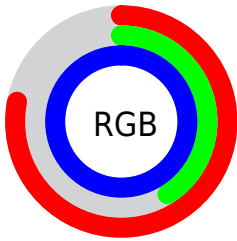
Format	Color
R _Y B	200, 104, 255
Decimal	13134079
CIE Lab	61.13, 62.45, -59.98
CIE LCh	61, 86.583, 316.155
Yxy	29.4019, 0.2691, 0.1689
Android (android.graphics.Color)	4291324159 (0xFFC868FF)
YUV	149.9180, 51.8054, 43.9219
Hunter-Lab	54.2235, 59.2840, -68.9781

Details

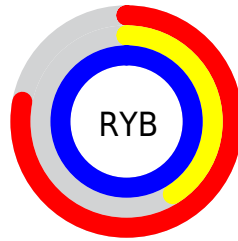
The YIQ color **149.9180, 8.7450, 67.3130** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **209.0820, -8.7450, -67.3130**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **198.6480, 26.4000, 50.2080**, and **93.0920, 8.1950, 66.2670** is the 20% darker color. If you saturate the color by 10%, you get **131.9650, 10.5310, 79.0030**, and if you desaturate by 10%, it is **167.2840, 7.2340, 56.1460**.

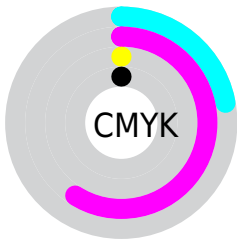
Distribution



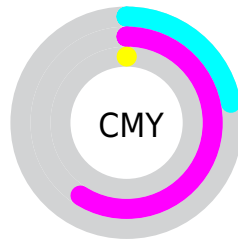
- Red (78%)
- Green (41%)
- Blue (100%)



- Red (78%)
- Yellow (41%)
- Blue (100%)



- Cyan (22%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.9180, 8.7450, 67.3130 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 149.9180, 8.7450, 67.3130 by changing the saturation by 10% instead.


 149.9180, 8.7450,
67.3130


 149.9180, 8.7450,
67.3130


255.0000, -0.0000,
-0.0000


 122.0920, 8.1950,
66.2670


 198.6480, 26.4000,
50.2080


 93.0920, 8.1950,
66.2670


 215.0840, 18.7000,
35.5640


 60.5100, 10.0740,
70.7620

 232.1070, 10.7250,
20.3970

 41.6030, 5.0780,
62.1820

 249.1300, 2.7500,
5.2300

 29.9680, -3.8600,
47.9480

 18.7460, -12.5230,
34.2370

 7.5240, -21.1860,

20.5260

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 149.9180, 8.7450,
67.3130

■ 149.9180, 8.7450,
67.3130

■ 131.9650, 10.5310,
79.0030

■ 167.2840, 7.2340,
56.1460

■ 114.5990, 12.0420,
90.1700

■ 185.5360, 6.0440,
44.6680

■ 96.3470, 13.2320,
101.6480

■ 202.9020, 4.5330,
33.5010

■ 78.9810, 14.7430,
112.8150

■ 220.8550, 2.7470,
21.8110

■ 77.5080, 14.6970,
113.6490

■ 238.2210, 1.2360,
10.6440

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



113.0110, -121.1800, 4.5160



149.9180, 8.7450, 67.3130



130.3210, 76.8740, 82.6180

Triad

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



149.9180, 8.7450, 67.3130



138.7900, 87.3470, -24.6290



127.6790, -110.1230, -36.1950

Complementary

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



149.9180, 8.7450, 67.3130



209.0820, -8.7450, -67.3130

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.



116.7980, -83.6180, -59.5060



149.9180, 8.7450, 67.3130



134.0190, 40.2650, -52.4310

Square

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



149.9180, 8.7450, 67.3130



134.1250, 115.7660, 16.5180



107.9530, -39.5990, -80.8390



133.5560, -130.8050, -13.7890

Rectangle

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



149.9180, 8.7450, 67.3130



115.7020, 97.3700, 74.6020



107.9530, -39.5990, -80.8390



124.1280, -101.5020, -43.7580

Sweetspot

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



149.9180, 8.7450, 67.3130



222.9150, 2.5180, 20.4540



153.4990, -63.5960, 18.1960



107.6880, 1.4190, 12.8350



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.



149.9180, 8.7450, 67.3130



129.0190, 10.4390, 80.6710



164.0830, 47.9450, 72.7530



118.8740, 0.5950, 5.7390



58.2520, 11.4010, 85.2650



19.5550, 3.8920, 28.5960

Inverse Universe

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



155.4190, 72.3410, 49.1170



135.6430, 86.6900, 58.8980



194.9170, -47.9450, -72.7530



119.3430, 6.4640, 4.0000



65.0890, 91.3660, 62.2620



21.7580, 30.7610, 20.7210

Previews

White Background



This preview shows how the YIQ color 149.9180, 8.7450, 67.3130 looks on a white background.

Color Contrast Check

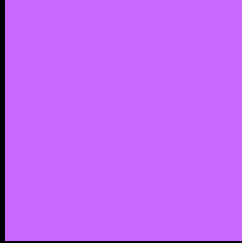
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.9180, 8.7450, 67.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

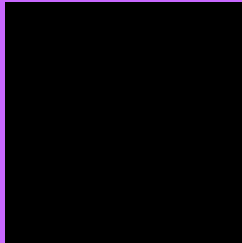
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.9180, 8.7450, 67.3130

Background



This preview shows how black text looks on a background with the YIQ color 149.9180, 8.7450, 67.3130.



This preview shows how white text looks on a background with the YIQ color 149.9180, 8.7450,

67.3130.

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

149.9180, 8.7450, 67.3130

Protanopia

142.6010, -63.6430, 24.5570

Deuteranopia

139.7260, -71.6650, 15.7510



Tritanopia

149.6060, 25.0770, 13.5970

Trichromacy



Original Color

149.9180, 8.7450, 67.3130



Protanomaly

144.8590, -37.4660, 40.2460



Deuteranomaly

143.5330, -42.6000, 34.1680



Tritanomaly

149.8020, 19.4340, 33.2740

Monochromacy



Original Color

149.9180, 8.7450, 67.3130



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

149.7350, 3.2050, 24.5250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.9180, 8.7450, 67.3130 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(200, 104, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 104, 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(200, 104, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 104, 255) }
```

Border

The CSS property to change the border of an element to YIQ 149.9180, 8.7450, 67.3130 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(200, 104, 255) }
```


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

```
.border{ border-color:rgb(200, 104, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 104, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 104, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 104, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 104,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 149.9180, 8.7450, 67.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 104, 255) }
```

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

```
.background{ background-color: rgb(200,  
104, 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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