

Converting Colors

YIQ(154.9460, 11.5420, 66.1820)

Have a look what the booklet for
YIQ(154.9460, 11.5420, 66.1820)
contains.

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Color

**YIQ(154.9460, 11.5420,
66.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	CF6DFF
RGB	207, 109, 255
RGB Percent	81%, 43%, 100%
CMY	0.1879, 0.5727, 0.0001
CMYK	0.19, 0.57, 0.00, 0.00
HSL	280°, 100%, 71%
HSV	280°, 57%, 100%
XYZ	49.2667, 31.4248, 98.0622
YIQ	154.9460, 11.5420, 66.1820

Conversions

Conversions Part 2

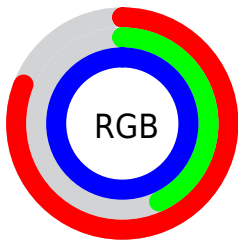
Format	Color
R _Y B	207, 109, 255
Decimal	13594111
CIE Lab	62.86, 61.71, -57.17
CIE LCh	63, 84.122, 317.188
Yxy	31.4248, 0.2756, 0.1758
Android (android.graphics.Color)	4291784191 (0xFFCF6DFF)
YUV	154.9460, 49.3266, 45.6514
Hunter-Lab	56.0578, 58.7747, -64.4758

Details

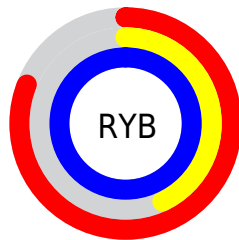
The YIQ color $154.9460, 11.5420, 66.1820$ is a light color, and the websafe version is hex $CC66FF$. A complement of this color would be $209.0540, -11.5420, -66.1820$, and the grayscale version is $154.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $201.5830, 25.0250, 47.5930$, and $98.7070, 10.7170, 64.6130$ is the 20% darker color. If you saturate the color by 10%, you get $137.2920, 13.9240, 78.0840$, and if you desaturate by 10%, it is $172.0130, 9.4350, 54.8030$.

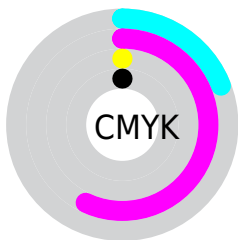
Distribution



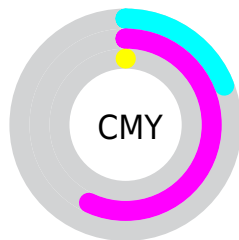
- Red (81%)
- Green (43%)
- Blue (100%)



- Red (81%)
- Yellow (43%)
- Blue (100%)



- Cyan (19%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)




- Cyan (19%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.9460, 11.5420, 66.1820 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 154.9460, 11.5420, 66.1820 by changing the saturation by 10% instead.


 154.9460, 11.5420,
66.1820


 154.9460, 11.5420,
66.1820


255.0000, -0.0000,
-0.0000

 127.1200, 10.9920,
65.1360


 201.5830, 25.0250,
47.5930

 98.7070, 10.7170,
64.6130

 218.6060, 17.0500,
32.4260


 67.8860, 11.7710,
67.5390

 235.0420, 9.3500,
17.7820

 44.1090, 9.5250,
64.1890

 252.6520, 1.1000,
2.0920

 32.6590, 1.5040,
49.8560

 21.4370, -7.1590,
36.1450

 7.5240, -21.1860,

20.5260

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 154.9460, 11.5420,
66.1820

■ 154.9460, 11.5420,
66.1820

■ 137.2920, 13.9240,
78.0840

■ 172.0130, 9.4350,
54.8030

■ 119.9260, 15.4350,
89.2510

■ 189.9660, 7.6490,
43.1130

■ 102.2720, 17.8170,
101.1530

■ 207.0330, 5.5420,
31.7340

■ 85.2050, 19.9240,
112.5320

■ 224.9860, 3.7560,
20.0440

■ 80.1990, 20.0610,
115.5570

■ 242.0530, 1.6490,
8.6650

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.



128.2270, -95.1850, 12.4870



154.9460, 11.5420, 66.1820



136.8920, 73.5280, 77.1760

Triad

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



154.9460, 11.5420, 66.1820



143.2090, 87.4850, -27.1310



130.7110, -113.1490, -36.4210

Complementary

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



154.9460, 11.5420, 66.1820



209.0540, -11.5420, -66.1820

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.



120.6450, -87.5610, -59.6330



154.9460, 11.5420, 66.1820



137.8510, 40.6780, -54.4100

Square

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



154.9460, 11.5420, 66.1820



140.0920, 111.3650, 13.6770



116.6420, -39.9210, -75.0010



135.9040, -131.9050, -15.8810

Rectangle

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



154.9460, 11.5420, 66.1820



125.3220, 92.3280, 66.8560



116.6420, -39.9210, -75.0010



127.8610, -105.1240, -44.1960

Sweetspot

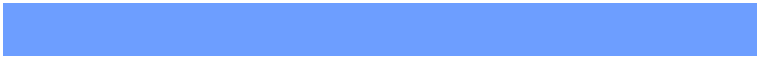
The Sweet Spot groups the original color and five complimentary colors.



154.9460, 11.5420, 66.1820



225.5730, 3.4810, 19.5210



154.4070, -60.3410, 19.7790



110.0470, 1.7860, 11.6900



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.



154.9460, 11.5420, 66.1820



134.3460, 13.8320, 79.7520



166.5620, 47.8540, 68.8940



118.8740, 0.5950, 5.7390



60.3450, 15.5730, 86.7490



20.1530, 5.0840, 29.0200

Inverse Universe

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



158.1260, 71.6080, 45.8800



138.2360, 86.2780, 55.3500



197.4380, -47.8540, -68.8940



119.3430, 6.4640, 4.0000



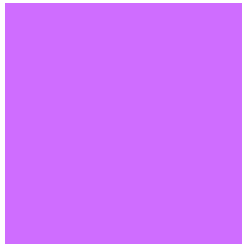
64.2910, 93.6130, 60.0850



21.5300, 31.4030, 20.0990

Previews

White Background



This preview shows how the YIQ color 154.9460, 11.5420, 66.1820 looks on a white background.

Color Contrast Check

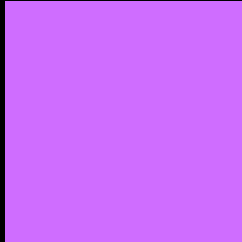
Large Text (above 18pt) WCAG AA × Fail

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 154.9460, 11.5420, 66.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

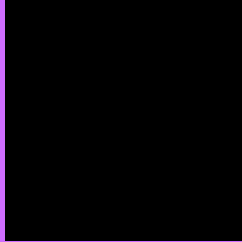
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.9460, 11.5420, 66.1820

Background



This preview shows how black text looks on a background with the YIQ color 154.9460, 11.5420, 66.1820.



This preview shows how white text looks on a background with the YIQ color 154.9460, 11.5420,

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

154.9460, 11.5420, 66.1820

Protanopia

148.5260, -59.0580, 24.0620

Deuteranopia

146.3740, -64.7420, 16.9380



Tritanopia

154.9870, 28.3780, 14.3460

Trichromacy



Original Color

154.9460, 11.5420, 66.1820



Protanomaly

150.4850, -33.4770, 39.5390



Deuteranomaly

149.5830, -36.8690, 34.9310



Tritanomaly

154.7700, 22.4600, 33.5000

Monochromacy



Original Color

154.9460, 11.5420, 66.1820



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

154.8060, 4.4430, 24.1150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.9460, 11.5420, 66.1820 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(207, 109, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 109, 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(207, 109, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 109, 255) }
```

Border

The CSS property to change the border of an element to YIQ 154.9460, 11.5420, 66.1820 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(207, 109, 255) }
```


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

```
.border{ border-color:rgb(207, 109, 255) }
```

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

Here you see how a box with a 4 pixel rgb(207, 109, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 109, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 109, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 109,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 154.9460, 11.5420, 66.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 109, 255) }
```

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

```
.background{ background-color: rgb(207,  
109, 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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