

# Converting Colors

YIQ(139.3040, 13.6500, 72.0340)

Have a look what the booklet for  
YIQ(139.3040, 13.6500, 72.0340)  
contains.

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# Color

**YIQ(139.3040, 13.6500,  
72.0340)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C559F7
RGB	197, 89, 247
RGB Percent	77%, 35%, 97%
CMY	0.2271, 0.6511, 0.0314
CMYK	0.20, 0.64, 0.00, 0.03
HSL	281°, 91%, 66%
HSV	281°, 64%, 97%
XYZ	43.4041, 25.7342, 90.6612
YIQ	139.3040, 13.6500, 72.0340

# Conversions

## Conversions Part 2

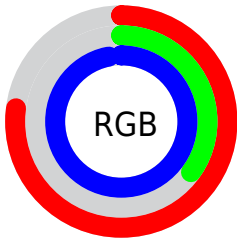
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 89, 247
Decimal	12933623
CIE <sub>Lab</sub>	57.78, 67.00, -60.94
CIE <sub>LCh</sub>	58, 90.571, 317.712
Yxy	25.7342, 0.2716, 0.1610
Android (android.graphics.Color)	4291123703 (0xFFC559F7)
YUV	139.3040, 53.0941, 50.5994
Hunter-Lab	50.7288, 63.9511, -70.4512

# Details

The YIQ color  $139.3040, 13.6500, 72.0340$  is a light color, and the websafe version is hex  $CC66FF$ . The color can be described as light muted magenta. A complement of this color would be  $196.6960, -13.6500, -72.0340$ , and the grayscale version is  $139.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $190.4300, 30.2500, 57.5300$ , and  $79.0700, 14.4290, 74.4370$  is the 20% darker color. If you saturate the color by 10%, you get  $122.2370, 15.7570, 83.4130$ , and if you desaturate by 10%, it is  $156.3710, 11.5430, 60.6550$ .

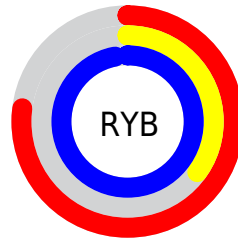
# Distribution



Red (77%)

Green (35%)

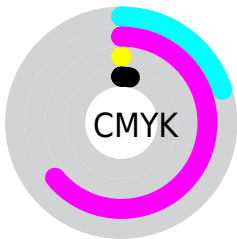
Blue (97%)



Red (77%)

Yellow (35%)

Blue (97%)

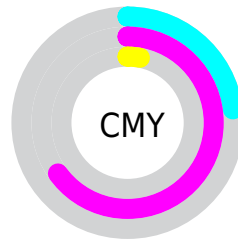


Cyan (20%)

Magenta (64%)

Yellow (0%)

Black (3%)



Cyan (23%)

Magenta (65%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 139.3040, 13.6500, 72.0340 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 139.3040, 13.6500, 72.0340 by changing the saturation by 10% instead.



139.3040, 13.6500,  
72.0340

139.3040, 13.6500,  
72.0340

255.0000, -0.0000,  
-0.0000

110.3040, 13.6500,  
72.0340

190.4300, 30.2500,  
57.5300

79.0700, 14.4290,  
74.4370

206.8660, 22.5500,  
42.8860

51.3580, 13.5580,  
73.7020

223.8890, 14.5750,  
27.7190

39.9080, 5.5370,  
59.3690

240.9120, 6.6000,  
12.5520

27.9740, -3.9970,  
44.9230

16.4530, -13.2560,  
31.0000

6.7260, -18.9390,

18.3490

■ 5.3920, -12.4270,  
10.4610

■ 2.0690, -4.4480,  
3.5200

■ 139.3040, 13.6500,  
72.0340

■ 139.3040, 13.6500,  
72.0340

■ 122.2370, 15.7570,  
83.4130

■ 156.3710, 11.5430,  
60.6550

■ 105.7570, 17.5890,  
94.2690

■ 172.8510, 9.7110,  
49.7990

■ 88.9890, 20.2920,  
105.8600

■ 189.6190, 7.0080,  
38.2080

■ 78.6890, 21.4370,  
112.6450

■ 206.6860, 4.9010,  
26.8290

■ 223.1660, 3.0690,  
15.9730

■ 240.2330, 0.9620,  
4.5940

■ 253.1910, 0.7800,  
-3.1240

■ 254.0880, 2.5680,  
-2.4880

# Harmonies

## Analogous

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



107.1410, -118.4300, 9.7460



139.3040, 13.6500, 72.0340



106.1740, 91.1300, 99.5940

# Triad

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



139.3040, 13.6500, 72.0340



131.0930, 82.1200, -23.5120



122.0540, -106.6850, -32.4210

# Complementary

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



139.3040, 13.6500, 72.0340



196.6960, -13.6500, -72.0340

# 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.



111.4180, -79.4920, -57.1880



139.3040, 13.6500, 72.0340



124.8380, 33.5250, -51.4270

# Square

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



139.3040, 13.6500, 72.0340



122.0840, 123.0110, 11.8670



95.6810, -44.8250, -85.2490



128.2730, -128.3300, -9.0820



# Rectangle

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



139.3040, 13.6500, 72.0340



90.1530, 112.8180, 92.0020



95.6810, -44.8250, -85.2490



118.9760, -98.0180, -40.8180

# Sweetspot

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



139.3040, 13.6500, 72.0340



222.3390, 4.2600, 21.9240



136.3620, -64.4680, 22.9880



107.4000, 2.2900, 13.5700



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.



139.3040, 13.6500, 72.0340



121.4100, 16.9480, 89.3640



150.9480, 52.7590, 73.6150



114.0590, 1.5120, 5.6400



59.1770, 15.9860, 84.7700



18.6860, 4.9010, 26.8290



# Inverse Universe

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



141.9420, 78.1180, 49.0460



124.6720, 96.9140, 60.8340



185.0520, -52.7590, -73.6150



114.0440, 5.8680, 3.7880



62.3400, 91.9170, 57.7810

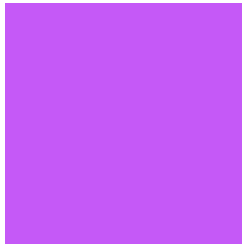


19.8070, 29.0650, 18.4170



# Previews

## White Background



This preview shows how the YIQ color 139.3040, 13.6500, 72.0340 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

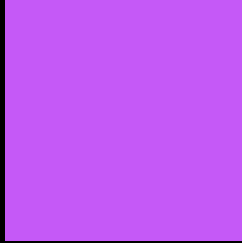
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 139.3040, 13.6500, 72.0340 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 139.3040, 13.6500, 72.0340

## Background



This preview shows how black text looks on a background with the YIQ color 139.3040, 13.6500, 72.0340.



This preview shows how white text looks on a background with the YIQ color 139.3040, 13.6500,



# 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

139.3040, 13.6500, 72.0340

### Protanopia

131.3380, -73.0880, 25.0240

### Deuteranopia

128.9320, -75.2410, 14.4790



## Tritanopia

140.8840, 30.1660, 14.9820

# Trichromacy



## Original Color

139.3040, 13.6500, 72.0340



## Protanomaly

134.1730, -41.2260, 42.3100



## Deuteranomaly

132.5870, -42.6920, 35.8360



## Tritanomaly

140.6070, 24.4770, 35.4930

# Monochromacy



## Original Color

139.3040, 13.6500, 72.0340



## Achromatopsia

139.0000, -0.0000, 0.0000



## Achromatomaly

139.1590, 4.9470, 25.9950

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 139.3040, 13.6500, 72.0340 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(197, 89, 247)` looks like.

```
.text, #text, p{  
    color:rgb(197, 89, 247)  
}
```

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(197, 89, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 89, 247) }
```

## Border

The CSS property to change the border of an element to YIQ 139.3040, 13.6500, 72.0340 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(197, 89, 247) }
```



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

```
.border{ border-color:rgb(197, 89, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 89, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 89, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 89, 247);  
box-shadow:4px 4px 4px 4px rgb(197, 89,  
247) }
```

# Background

The CSS property to change the background color of an element to YIQ 139.3040, 13.6500, 72.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 89, 247) }
```

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

```
.background{ background-color: rgb(197, 89,  
247) }
```

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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