

Converting Colors

YIQ(97.2920, -39.9430, 46.5930)

Have a look what the booklet for
YIQ(97.2920, -39.9430, 46.5930)
contains.

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Color

**YIQ(97.2920, -39.9430,
46.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	584EDD
RGB	88, 78, 221
RGB Percent	35%, 31%, 87%
CMY	0.6548, 0.6941, 0.1336
CMYK	0.60, 0.65, 0.00, 0.13
HSL	244°, 68%, 59%
HSV	244°, 65%, 87%
XYZ	19.7933, 12.7411, 69.7747
YIQ	97.2920, -39.9430, 46.5930

Conversions

Conversions Part 2

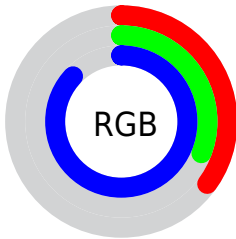
Format	Color
RYB	88, 78, 221
Decimal	5787357
CIELab	42.37, 44.77, -71.79
CIELCh	42, 84.606, 301.949
Yxy	12.7411, 0.1935, 0.1245
Android (android.graphics.Color)	4283977437 (0xFF584EDD)
YUV	97.2920, 60.9880, -8.1491
Hunter-Lab	35.6947, 36.5155, -90.9115

Details

The YIQ color **97.2920, -39.9430, 46.5930** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **201.7080, 39.9430, -46.5930**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0560, -27.6550, 44.1610**, and **37.5940, -61.7650, 34.5790** is the 20% darker color. If you saturate the color by 10%, you get **78.0990, -46.4090, 53.6470**, and if you desaturate by 10%, it is **116.4850, -33.4770, 39.5390**.

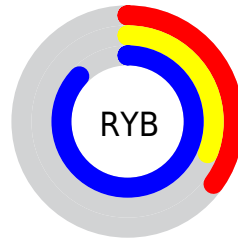
Distribution



Red (35%)

Green (31%)

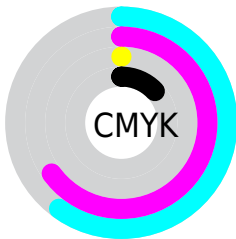
Blue (87%)



Red (35%)

Yellow (31%)

Blue (87%)

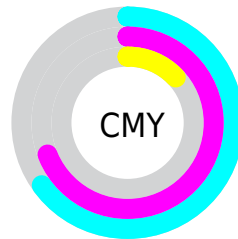


Cyan (60%)

Magenta (65%)

Yellow (0%)

Black (13%)



Cyan (65%)

Magenta (69%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.2920, -39.9430, 46.5930 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 97.2920, -39.9430, 46.5930 by changing the saturation by 10% instead.

■ 97.2920, -39.9430,
46.5930

■ 97.2920, -39.9430,
46.5930

■ 255.0000, -0.0000,
-0.0000

■ 69.4330, -44.8940,
42.7060

■ 149.0560,
-27.6550, 44.1610

■ 37.5940, -61.7650,
34.5790

■ 173.2880,
-16.9250, 36.9230

■ 21.4880, -46.7270,
37.3770

■ 198.1070, -6.4700,
29.1620

■ 12.6540, -35.6310,
34.5210

■ 223.8120, 4.3060,
21.0900

■ 11.5650, -28.4310,
25.1770

■ 245.0210, 4.6750,
8.8910

■ 10.4760, -21.2310,
15.8330

■ 6.2070, -13.3440,

10.5600

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 97.2920, -39.9430,
46.5930

■ 97.2920, -39.9430,
46.5930

■ 78.0990, -46.4090,
53.6470

■ 116.4850,
-33.4770, 39.5390

■ 59.2050, -52.2790,
60.9130

■ 135.3790,
-27.6070, 32.2730

■ 40.0120, -58.7450,
67.9670

■ 154.5720,
-21.1410, 25.2190

■ 29.9780, -61.4050,
72.1230

■ 173.4660,
-15.2710, 17.9530

■ 192.6590, -8.8050,
10.8990

■ 212.1400, -3.2100,
3.1100

■ 231.3330, 3.2560,
-3.9440

■ 250.2270, 9.1260,
-11.2100

■ 251.1240, 10.9140,
-10.5740

Harmonies

Analogous

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



91.6850, -107.9780, 18.5660



97.2920, -39.9430, 46.5930



73.7550, 55.4610, 90.7330

Triad

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



97.2920, -39.9430, 46.5930



90.7570, 84.0870, 1.4230



86.2910, -67.9880, -34.3880

Complementary

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



97.2920, -39.9430, 46.5930



201.7080, 39.9430, -46.5930

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.



74.8230, -41.2080, -57.1760



97.2920, -39.9430, 46.5930



93.6940, 43.6990, -26.5490

Square

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



97.2920, -39.9430, 46.5930



65.4270, 113.4210, 53.5250



80.3510, -7.4640, -51.9760



94.2710, -90.4580, -12.6180

Rectangle

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



97.2920, -39.9430, 46.5930



76.3990, 85.4020, 82.2500



80.3510, -7.4640, -51.9760



82.8540, -59.6880, -41.6400

Sweetspot

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



97.2920, -39.9430, 46.5930



213.3690, -13.6200, 15.5640



172.3730, -82.4780, -25.0860



102.0180, -8.4380, 9.7540



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.



97.2920, -39.9430, 46.5930



82.8720, -55.5350, 64.8570



118.5210, 2.3730, 61.6450



100.2540, -3.5310, 3.4210



23.3100, -48.3810, 56.3470



6.1410, -12.9780, 14.9420

Inverse Universe

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



135.9190, 42.5350, 71.6790



136.5910, 59.2190, 99.7230



180.4790, -2.3730, -61.6450



103.4290, 3.3460, 5.4420



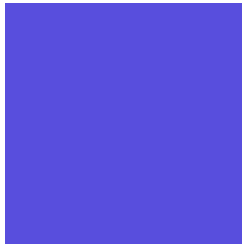
70.0810, 51.4270, 86.7470



18.6560, 13.6130, 23.1250

Previews

White Background



This preview shows how the YIQ color 97.2920, -39.9430, 46.5930 looks on a white background.

Color Contrast Check

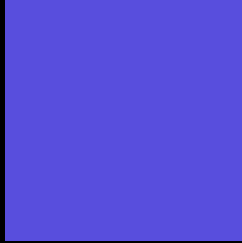
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 97.2920, -39.9430, 46.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

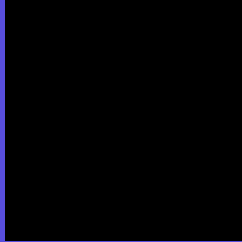
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.2920, -39.9430, 46.5930

Background



This preview shows how black text looks on a background with the YIQ color 97.2920, -39.9430, 46.5930.



This preview shows how white text looks on a background with the YIQ color 97.2920, -39.9430,

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

97.2920, -39.9430, 46.5930

Protanopia

79.4940, -91.5630, 12.9250

Deuteranopia

79.8240, -84.2250, 1.0790



Tritanopia

89.0960, -44.6090, -12.0410

Trichromacy



Original Color

97.2920, -39.9430, 46.5930

Protanomaly

85.7510, -72.8130, 25.5470

Deuteranomaly

86.0470, -68.1350, 17.8570

Tritanomaly

92.2390, -42.7330, 9.0350

Monochromacy



Original Color

97.2920, -39.9430, 46.5930

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.1240, -14.3080, 17.0200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.2920, -39.9430, 46.5930 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(88, 78, 221)` looks like.

```
.text, #text, p{  
    color:rgb(88, 78, 221)  
}
```

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(88, 78, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 78, 221) }
```

Border

The CSS property to change the border of an element to YIQ 97.2920, -39.9430, 46.5930 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(88, 78, 221) }
```


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

```
.border{ border-color:rgb(88, 78, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 78, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 78, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 78, 221);  
box-shadow:4px 4px 4px 4px rgb(88, 78,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 97.2920, -39.9430, 46.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 78, 221) }
```

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

```
.background{ background-color: rgb(88, 78,  
221) }
```

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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