

# Converting Colors

YIQ(93.0390, -37.0120, 65.0680)

Have a look what the booklet for  
YIQ(93.0390, -37.0120, 65.0680)  
contains.

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# Color

**YIQ(93.0390, -37.0120,  
65.0680)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	623DF5
RGB	98, 61, 245
RGB Percent	38%, 24%, 96%
CMY	0.6155, 0.7609, 0.0395
CMYK	0.60, 0.75, 0.00, 0.04
HSL	252°, 90%, 60%
HSV	252°, 75%, 96%
XYZ	23.1807, 12.5235, 87.5227
YIQ	93.0390, -37.0120, 65.0680

# Conversions

## Conversions Part 2

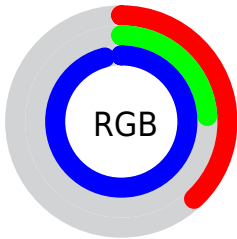
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 61, 245
Decimal	6438389
CIE <sub>Lab</sub>	42.04, 62.24, -85.90
CIE <sub>LCh</sub>	42, 106.072, 305.925
Yxy	12.5235, 0.1881, 0.1016
Android (android.graphics.Color)	4284628469 (0xFF623DF5)
YUV	93.0390, 74.9168, 4.3508
Hunter-Lab	35.3885, 54.9935, -121.8636

# Details

The YIQ color **93.0390, -37.0120, 65.0680** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **212.9610, 37.0120, -65.0680**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **144.1380, -15.7820, 54.7620**, and **22.4920, -60.5770, 57.1110** is the 20% darker color. If you saturate the color by 10%, you get **72.6830, -41.4610, 74.1150**, and if you desaturate by 10%, it is **113.1070, -31.6920, 56.7560**.

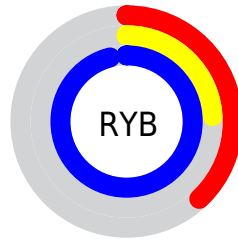
# Distribution



Red (38%)

Green (24%)

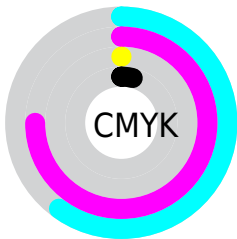
Blue (96%)



Red (38%)

Yellow (24%)

Blue (96%)

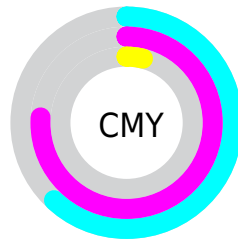


Cyan (60%)

Magenta (75%)

Yellow (0%)

Black (4%)



Cyan (62%)

Magenta (76%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 93.0390, -37.0120, 65.0680 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 93.0390, -37.0120, 65.0680 by changing the saturation by 10% instead.



■ 93.0390, -37.0120,  
65.0680

■ 93.0390, -37.0120,  
65.0680

■ 255.0000, -0.0000,  
-0.0000

■ 63.4080, -42.6050,  
61.8030

■ 144.1380,  
-15.7820, 54.7620

■ 22.4920, -60.5770,  
57.1110

■ 169.2560, -4.7310,  
47.2130

■ 18.1260, -51.0390,  
49.4490

■ 194.3740, 6.3200,  
39.6640

■ 15.0480, -42.3720,  
41.0520

■ 219.7800, 16.5000,  
31.3800

■ 12.0840, -34.0260,  
32.9660

■ 236.2160, 8.8000,  
16.7360

■ 14.9900, -28.4300,  
19.6500

■ 253.8260, 0.5500,

■ 9.3190, -19.3510,

1.0460

14.8010

■ 5.0500, -11.4640,  
9.5280

■ 0.9120, -2.5680,  
2.4880

■ 93.0390, -37.0120,  
65.0680

■ 93.0390, -37.0120,  
65.0680

■ 72.6830, -41.4610,  
74.1150

■ 113.1070,  
-31.6920, 56.7560

■ 52.6150, -46.7810,  
82.4270

■ 133.4630,  
-27.2430, 47.7090

■ 42.5810, -49.4410,  
86.5830

■ 153.5310,  
-21.9230, 39.3970

■ 173.8870,  
-17.4740, 30.3500

■ 193.9550,  
-12.1540, 22.0380

■ 214.3110, -7.7050,  
12.9910

■ 234.3790, -2.3850,  
4.6790

■ 253.8600, 3.2100,  
-3.1100

# Harmonies

## Analogous

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



93.0530, -111.8300, 22.2980



93.0390, -37.0120, 65.0680



82.2130, 69.0310, 98.1110

# Triad

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



93.0390, -37.0120, 65.0680



88.7190, 87.2500, 4.6740



88.8330, -72.3900, -31.7020

# Complementary

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



93.0390, -37.0120, 65.0680



212.9610, 37.0120, -65.0680

# 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.



74.8740, -37.2180, -63.4100



93.0390, -37.0120, 65.0680



91.5680, 35.1260, -30.8740

# Square

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



93.0390, -37.0120, 65.0680



66.6770, 132.9080, 47.2760



69.8530, -32.7250, -62.2370



99.9250, -100.8670, -5.6910



# Rectangle

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



93.0390, -37.0120, 65.0680



83.3750, 103.1450, 85.5850



69.8530, -32.7250, -62.2370



84.7120, -62.1640, -40.8200

# Sweetspot

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



93.0390, -37.0120, 65.0680



206.3140, -11.7870, 20.8930



168.2650, -99.4890, -19.6570



98.1970, -7.3840, 12.6800



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.



93.0390, -37.0120, 65.0680



65.2730, -45.8180, 81.4940



120.5470, 17.8200, 84.5720



112.2650, -2.0640, 4.3680



32.5660, -37.0580, 65.9020



10.3140, -11.7870, 20.8930



# Inverse Universe

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



132.7740, 62.4770, 84.7250



114.7460, 78.0160, 105.9840



185.4530, -17.8200, -84.5720



114.7280, 3.9420, 5.6540



72.6000, 63.0270, 85.7710

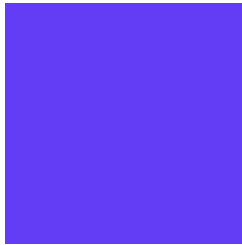


22.9990, 20.0770, 27.1250



# Previews

## White Background



This preview shows how the YIQ color 93.0390, -37.0120, 65.0680 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

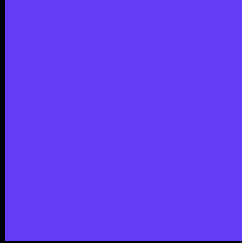
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 93.0390, -37.0120, 65.0680 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

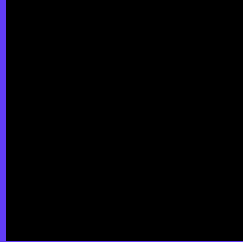
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 93.0390, -37.0120, 65.0680

## Background



This preview shows how black text looks on a background with the YIQ color 93.0390, -37.0120, 65.0680.



This preview shows how white text looks on a background with the YIQ color 93.0390, -37.0120,



# 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

93.0390, -37.0120, 65.0680

### Deuteranopia

78.7810, -82.6660, 0.3580

### Tritanopia

87.7970, -45.2050, -12.2530

# Trichromacy



## Original Color

93.0390, -37.0120, 65.0680

## Deuteranomaly

83.8180, -65.7520, 24.2320

## Tritanomaly

89.7540, -42.5050, 15.9190

# Monochromacy



## Original Color

93.0390, -37.0120, 65.0680

## Achromatopsia

93.0000, -0.0000, -0.0000

## Achromatomaly

92.8240, -13.1630, 23.8050

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 93.0390, -37.0120, 65.0680 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(98, 61, 245)` looks like.

```
.text, #text, p{  
    color:rgb(98, 61, 245)  
}
```

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(98, 61, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 61, 245) }
```

## Border

The CSS property to change the border of an element to YIQ 93.0390, -37.0120, 65.0680 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(98, 61, 245) }
```

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

```
.border{ border-color:rgb(98, 61, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 61, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 61, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 61, 245);  
box-shadow:4px 4px 4px 4px rgb(98, 61,  
245) }
```



# Background

The CSS property to change the background color of an element to YIQ 93.0390, -37.0120, 65.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 61, 245) }
```

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

```
.background{ background-color: rgb(98, 61,  
245) }
```

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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