

Converting Colors

YIQ(135.3260, -37.2830,
42.4370)

Have a look what the booklet for
YIQ(135.3260, -37.2830, 42.4370)
contains.

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Color

**YIQ(135.3260, -37.2830,
42.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	7E76F9
RGB	126, 118, 249
RGB Percent	49%, 46%, 98%
CMY	0.5058, 0.5373, 0.0238
CMYK	0.49, 0.53, 0.00, 0.02
HSL	244°, 92%, 72%
HSV	244°, 53%, 98%
XYZ	32.1750, 24.2293, 92.5514
YIQ	135.3260, -37.2830, 42.4370

Conversions

Conversions Part 2

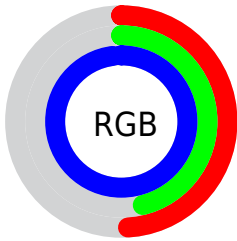
Format	Color
R _Y B	126, 118, 249
Decimal	8287993
CIE Lab	56.32, 36.76, -64.77
CIE LCh	56, 74.474, 299.576
Yxy	24.2293, 0.2160, 0.1627
Android (android.graphics.Color)	4286478073 (0xFF7E76F9)
YUV	135.3260, 56.0413, -8.1789
Hunter-Lab	49.2233, 30.5365, -77.0230

Details

The YIQ color $135.3260, -37.2830, 42.4370$ is a light color, and the websafe version is hex $6666FF$. A complement of this color would be $231.6740, 37.2830, -42.4370$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $184.1750, -18.3450, 29.6150$, and $81.5270, -42.4630, 37.1930$ is the 20% darker color. If you saturate the color by 10%, you get $113.7740, -44.1160, 50.6360$, and if you desaturate by 10%, it is $156.8780, -30.4500, 34.2380$.

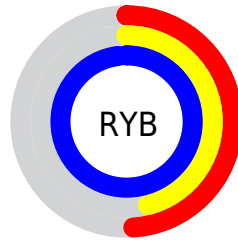
Distribution



Red (49%)

Green (46%)

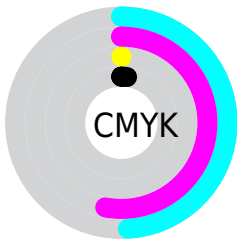
Blue (98%)



Red (49%)

Yellow (46%)

Blue (98%)

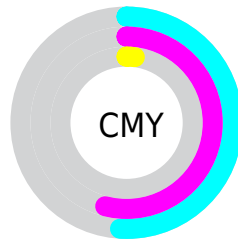


Cyan (49%)

Magenta (53%)

Yellow (0%)

Black (2%)



Cyan (51%)

Magenta (54%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.3260, -37.2830, 42.4370 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 135.3260, -37.2830, 42.4370 by changing the saturation by 10% instead.

■ 135.3260,
-37.2830, 42.4370

■ 135.3260,
-37.2830, 42.4370

■ 255.0000, -0.0000,
-0.0000

■ 108.3750,
-38.9790, 40.1330

■ 184.1750,
-18.3450, 29.6150

■ 81.5270, -42.4630,
37.1930

■ 209.5810, -8.1650,
21.3310

■ 52.5640, -53.0530,
30.8750

■ 234.9870, 2.0150,
13.0470

■ 30.8800, -51.1270,
29.0090

■ 16.7630, -37.5560,
30.8600

■ 9.6900, -27.2850,
26.4350

■ 10.4760, -21.2310,

15.8330

■ 6.0930, -13.0230,
10.2490

■ 2.2970, -5.0900,
4.1420

■ 135.3260,
-37.2830, 42.4370

■ 135.3260,
-37.2830, 42.4370

■ 113.7740,
-44.1160, 50.6360

■ 156.8780,
-30.4500, 34.2380

■ 91.9230, -51.5450,
58.6230

■ 178.7290,
-23.0210, 26.2510

■ 70.3710, -58.3780,
66.8220

■ 200.2810,
-16.1880, 18.0520

■ 48.8190, -65.2110,
75.0210

■ 221.8330, -9.3550,
9.8530

■ 32.8710, -70.9890,
80.6190

■ 243.0970, -1.6510,
2.3890

■ 254.3160, 1.9260,
-1.8660

Harmonies

Analogous

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



113.5980, -121.4550, 3.9930



135.3260, -37.2830, 42.4370



134.5390, 37.4930, 63.9330

Triad

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



135.3260, -37.2830, 42.4370



125.4360, 97.7520, -9.4480



110.7290, -87.1970, -44.1970

Complementary

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



135.3260, -37.2830, 42.4370



231.6740, 37.2830, -42.4370

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.



100.6290, -64.2690, -63.2530



135.3260, -37.2830, 42.4370



126.5200, 61.4440, -34.2680

Square

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



135.3260, -37.2830, 42.4370



123.4710, 100.9530, 37.1850



117.0640, 18.0290, -56.9390



118.2530, -108.3830, -23.6710

Rectangle

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



135.3260, -37.2830, 42.4370



126.4970, 72.8420, 67.5780



117.0640, 18.0290, -56.9390



107.5200, -79.5390, -50.8270

Sweetspot

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



135.3260, -37.2830, 42.4370



219.5710, -11.3730, 13.3870



205.7220, -76.1510, -24.1110



106.4480, -6.8330, 8.1990



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.



135.3260, -37.2830, 42.4370



115.3440, -45.7210, 52.1910



154.4620, 0.8610, 56.0050



113.7810, -3.5770, 4.2550



25.1340, -53.5170, 61.3230



8.1500, -17.1970, 19.8190

Inverse Universe

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



171.1910, 38.5930, 66.0250



159.3530, 47.4850, 81.0930



212.5380, -0.8610, -56.0050



117.2550, 3.8960, 6.4880



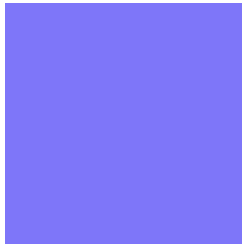
76.6890, 55.8270, 95.1150



24.7370, 18.0590, 30.6590

Previews

White Background



This preview shows how the YIQ color 135.3260, -37.2830, 42.4370 looks on a white background.

Color Contrast Check

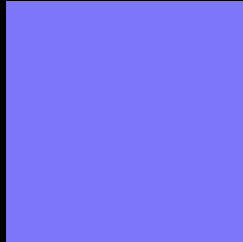
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.3260, -37.2830, 42.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

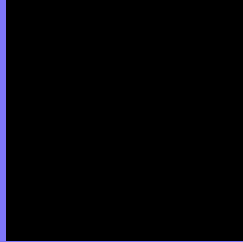
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.3260, -37.2830, 42.4370

Background



This preview shows how black text looks on a background with the YIQ color 135.3260, -37.2830, 42.4370.



This preview shows how white text looks on a background with the YIQ color 135.3260, -37.2830,

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

135.3260, -37.2830, 42.4370

Protanopia

125.7010, -78.5440, 24.7840

Deuteranopia

108.1210, -115.6780, 3.9220



Tritanopia

129.7990, -30.3510, -6.1190

Trichromacy



Original Color

135.3260, -37.2830, 42.4370

Protanomaly

129.1160, -63.4150, 31.4410

Deuteranomaly

117.9940, -86.9790, 17.9570

Tritanomaly

131.7950, -32.5550, 11.8050

Monochromacy



Original Color

135.3260, -37.2830, 42.4370

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.2550, -13.2990, 15.2530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.3260, -37.2830, 42.4370 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(126, 118, 249)` looks like.

```
.text, #text, p{  
    color:rgb(126, 118, 249)  
}
```

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(126, 118, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 118, 249) }
```

Border

The CSS property to change the border of an element to YIQ 135.3260, -37.2830, 42.4370 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(126, 118, 249) }
```


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

```
.border{ border-color:rgb(126, 118, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 118, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 118, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 118, 249); box-shadow:4px 4px 4px 4px rgb(126, 118, 249) }
```

Background

The CSS property to change the background color of an element to YIQ 135.3260, -37.2830, 42.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 118, 249) }
```

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

```
.background{ background-color: rgb(126,  
118, 249) }
```

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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