

Converting Colors

YIQ(137.4340, -46.6350,
35.7090)

Have a look what the booklet for
YIQ(137.4340, -46.6350, 35.7090)
contains.

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Color

**YIQ(137.4340, -46.6350,
35.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	737FFA
RGB	115, 127, 250
RGB Percent	45%, 50%, 98%
CMY	0.5489, 0.5019, 0.0199
CMYK	0.54, 0.49, 0.00, 0.02
HSL	235°, 93%, 72%
HSV	235°, 54%, 98%
XYZ	31.9060, 25.7234, 93.6672
YIQ	137.4340, -46.6350, 35.7090

Conversions

Conversions Part 2

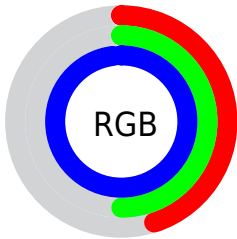
Format	Color
RYB	115, 126, 250
Decimal	7569402
CIELab	57.77, 29.50, -63.02
CIELCh	58, 69.582, 295.089
Yxy	25.7234, 0.2109, 0.1700
Android (android.graphics.Color)	4285759482 (0xFF737FFA)
YUV	137.4340, 55.4950, -19.6746
Hunter-Lab	50.7183, 23.5343, -73.9948

Details

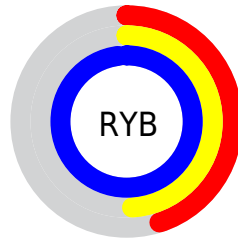
The YIQ color $137.4340, -46.6350, 35.7090$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $227.5660, 46.6350, -35.7090$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $187.0550, -27.0550, 22.2650$, and $82.1400, -54.7950, 29.4050$ is the 20% darker color. If you saturate the color by 10%, you get $116.4580, -55.2100, 42.4380$, and if you desaturate by 10%, it is $158.4100, -38.0600, 28.9800$.

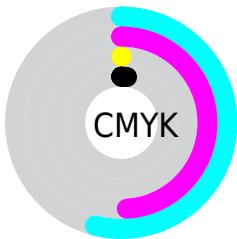
Distribution



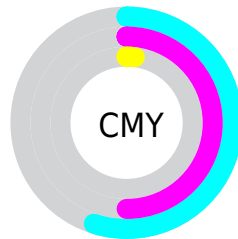
- Red (45%)
- Green (50%)
- Blue (98%)



- Red (45%)
- Yellow (49%)
- Blue (98%)



- Cyan (54%)
- Magenta (49%)
- Yellow (0%)
- Black (2%)



- Cyan (55%)
- Magenta (50%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.4340, -46.6350, 35.7090 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 137.4340, -46.6350, 35.7090 by changing the saturation by 10% instead.

■ 137.4340,
-46.6350, 35.7090

■ 137.4340,
-46.6350, 35.7090

■ 255.0000, -0.0000,
-0.0000

■ 110.1840,
-48.9270, 33.1930

■ 187.0550,
-27.0550, 22.2650

■ 82.1400, -54.7950,
29.4050

■ 211.8740,
-16.6000, 14.5040

■ 51.6820, -68.3650,
22.0270

■ 237.2800, -6.4200,
6.2200

■ 36.2770, -53.9230,
24.6130

■ 22.7470, -40.6270,
25.9410

■ 9.9180, -27.9270,
27.0570

■ 10.5900, -21.5520,

16.1440

■ 6.2070, -13.3440,
10.5600

■ 2.5250, -5.7320,
4.7640

■ 137.4340,
-46.6350, 35.7090

■ 137.4340,
-46.6350, 35.7090

■ 116.4580,
-55.2100, 42.4380

■ 158.4100,
-38.0600, 28.9800

■ 95.4820, -63.7850,
49.1670

■ 179.3860,
-29.4850, 22.2510

■ 75.0930, -72.6350,
55.3730

■ 199.7750,
-20.6350, 16.0450

■ 54.1170, -81.2100,
62.1020

■ 220.7510,
-12.0600, 9.3160

■ 41.4140, -86.3000,
66.2440

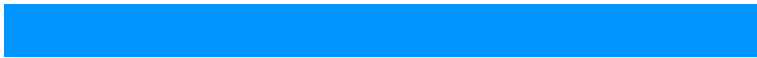
■ 241.7270, -3.4850,
2.5870

■ 254.4300, 1.6050,
-1.5550

Harmonies

Analogous

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



116.5330, -122.8300, 1.3780



137.4340, -46.6350, 35.7090



141.1630, 26.6280, 57.0920

Triad

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



137.4340, -46.6350, 35.7090



132.2800, 89.8640, 1.3520



111.8060, -86.0960, -47.6320

Complementary

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



137.4340, -46.6350, 35.7090



227.5660, 46.6350, -35.7090

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.



101.8030, -64.8190, -64.2990



137.4340, -46.6350, 35.7090



130.3960, 67.7250, -32.4590

Square

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



137.4340, -46.6350, 35.7090



130.2900, 94.2130, 38.1890



123.0330, 28.4820, -53.6460



118.9880, -106.3190, -28.0390

Rectangle

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



137.4340, -46.6350, 35.7090



135.3490, 61.3350, 61.3590



123.0330, 28.4820, -53.6460



108.2380, -78.8050, -53.1170

Sweetspot

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



137.4340, -46.6350, 35.7090



221.0220, -14.2610, 10.6590



208.0390, -75.9660, -32.9740



107.0240, -8.5750, 6.7290



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.



137.4340, -46.6350, 35.7090



116.7290, -57.4110, 43.7810



146.5360, -11.1510, 53.4330



114.6560, -4.7230, 2.9970



31.5250, -65.3440, 49.8880



9.8890, -20.9560, 16.3560

Inverse Universe

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



156.7330, 76.6080, 32.3520



140.3440, 94.1210, 39.8570



218.4640, 11.1510, -53.4330



116.1150, 7.1060, 3.3780



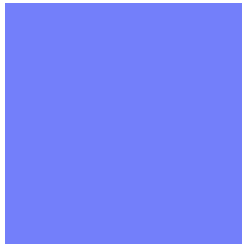
58.4490, 107.1870, 45.3550



18.8090, 34.7510, 14.4870

Previews

White Background



This preview shows how the YIQ color 137.4340, -46.6350, 35.7090 looks on a white background.

Color Contrast Check

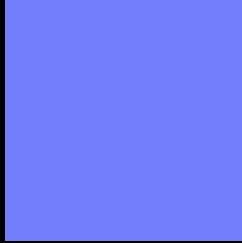
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.4340, -46.6350, 35.7090 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 137.4340, -46.6350, 35.7090

Background



This preview shows how black text looks on a background with the YIQ color 137.4340, -46.6350, 35.7090.



This preview shows how white text looks on a background with the YIQ color 137.4340, -46.6350,

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

137.4340, -46.6350, 35.7090

Protanopia

130.4520, -73.4090, 25.3350

Deuteranopia

120.2050, -98.1190, 10.5930



Tritanopia

130.2320, -41.9960, -9.8360

Trichromacy



Original Color

137.4340, -46.6350, 35.7090

Protanomaly

132.6490, -63.5980, 29.2500

Deuteranomaly

126.3540, -79.1850, 19.8790

Tritanomaly

132.5870, -43.8330, 6.9430

Monochromacy



Original Color

137.4340, -46.6350, 35.7090

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.9340, -16.8290, 13.1470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4340, -46.6350, 35.7090 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(115, 127, 250)` looks like.

```
.text, #text, p{  
    color:rgb(115, 127, 250)  
}
```

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(115, 127, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 127, 250) }
```

Border

The CSS property to change the border of an element to YIQ 137.4340, -46.6350, 35.7090 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(115, 127, 250) }
```


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

```
.border{ border-color:rgb(115, 127, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 127, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 127, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 127, 250);  
box-shadow:4px 4px 4px 4px rgb(115, 127,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4340, -46.6350, 35.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 127, 250) }
```

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

```
.background{ background-color: rgb(115,  
127, 250) }
```

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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