

Converting Colors

YIQ(137.2350, -44.9370,
26.9590)

Have a look what the booklet for
YIQ(137.2350, -44.9370, 26.9590)
contains.

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Color

**YIQ(137.2350, -44.9370,
26.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	6F84E9
RGB	111, 132, 233
RGB Percent	44%, 52%, 91%
CMY	0.5647, 0.4823, 0.0865
CMYK	0.52, 0.43, 0.00, 0.09
HSL	230°, 73%, 67%
HSV	230°, 52%, 91%
XYZ	29.5071, 25.7642, 80.4596
YIQ	137.2350, -44.9370, 26.9590

Conversions

Conversions Part 2

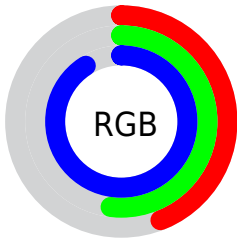
Format	Color
RYB	111, 129, 233
Decimal	7308521
CIELab	57.81, 20.40, -53.55
CIELCh	58, 57.307, 290.854
Yxy	25.7642, 0.2174, 0.1898
Android (android.graphics.Color)	4285498601 (0xFF6F84E9)
YUV	137.2350, 47.2121, -23.0081
Hunter-Lab	50.7584, 14.9391, -58.4525

Details

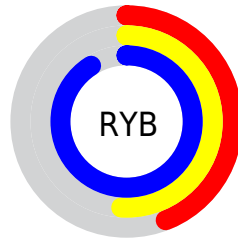
The YIQ color $137.2350, -44.9370, 26.9590$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $206.7650, 44.9370, -26.9590$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $188.1960, -32.0060, 18.3780$, and $83.2510, -51.0340, 21.8140$ is the 20% darker color. If you saturate the color by 10%, you get $119.2050, -53.4200, 32.0200$, and if you desaturate by 10%, it is $155.2650, -36.4540, 21.8980$.

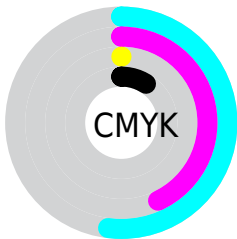
Distribution



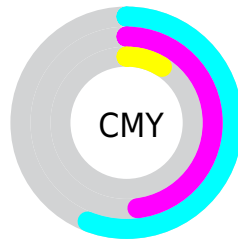
- Red (44%)
- Green (52%)
- Blue (91%)



- Red (44%)
- Yellow (51%)
- Blue (91%)



- Cyan (52%)
- Magenta (43%)
- Yellow (0%)
- Black (9%)



- Cyan (56%)
- Magenta (48%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.2350, -44.9370, 26.9590 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 137.2350, -44.9370, 26.9590 by changing the saturation by 10% instead.

■ 137.2350,
-44.9370, 26.9590

■ 137.2350,
-44.9370, 26.9590

■ 255.0000, -0.0000,
-0.0000

■ 110.2840,
-46.6330, 24.6550

■ 188.1960,
-32.0060, 18.3780

■ 83.2510, -51.0340,
21.8140

■ 213.0150,
-21.5510, 10.6170

■ 52.2060, -64.3290,
14.9590

■ 238.7090,
-12.2420, 1.5980

■ 36.9150, -50.2080,
17.8560

■ 23.4990, -37.2330,
19.4950

■ 8.3220, -23.4330,
22.7030

■ 7.9340, -16.8290,

13.1470

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 137.2350,
-44.9370, 26.9590

■ 137.2350,
-44.9370, 26.9590

■ 119.2050,
-53.4200, 32.0200

■ 155.2650,
-36.4540, 21.8980

■ 100.2890,
-62.2240, 37.3920

■ 174.1810,
-27.6500, 16.5260

■ 82.2590, -70.7070,
42.4530

■ 192.2110,
-19.1670, 11.4650

■ 64.2290, -79.1900,
47.5140

■ 210.2410,
-10.6840, 6.4040

■ 50.0420, -85.7930,
51.5430

■ 228.2710, -2.2010,
1.3430

■ 247.1870, 6.6030,
-4.0290

■ 252.4920, 7.0620,
-6.8420

Harmonies

Analogous

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



114.5950, -117.3730, -3.9090



137.2350, -44.9370, 26.9590



143.0270, 14.8470, 44.8230

Triad

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



137.2350, -44.9370, 26.9590



135.6130, 75.9250, 6.1730



108.8880, -83.3910, -47.0950

Complementary

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



137.2350, -44.9370, 26.9590



206.7650, 44.9370, -26.9590

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.



120.6990, -25.7590, -45.3030



137.2350, -44.9370, 26.9590



133.5390, 60.4330, -21.4470

Square

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



137.2350, -44.9370, 26.9590



135.7330, 76.6080, 32.3520



129.3340, 26.7370, -38.5350



115.4030, -100.3580, -31.4460

Rectangle

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



137.2350, -44.9370, 26.9590



140.3480, 44.7400, 48.2280



129.3340, 26.7370, -38.5350



106.3630, -77.6590, -51.8590

Sweetspot

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



137.2350, -44.9370, 26.9590



222.7830, -15.0860, 9.0900



194.0140, -65.6500, -32.7060



108.1980, -9.1250, 5.6830



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.



137.2350, -44.9370, 26.9590



128.7900, -59.3810, 35.4270



136.5690, -15.9180, 46.2100



108.4280, -4.0810, 2.3750



38.8310, -66.6260, 40.0780



11.4390, -19.8090, 12.0870

Inverse Universe

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



149.8720, 65.9710, 32.3950



145.3310, 86.9680, 42.8400



207.4310, 15.9180, -46.2100



109.5170, 5.9140, 2.9540



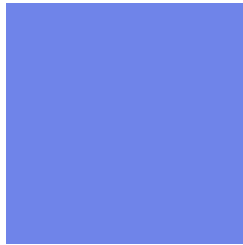
57.6530, 97.9250, 48.0130



17.1720, 29.2950, 14.2470

Previews

White Background



This preview shows how the YIQ color 137.2350, -44.9370, 26.9590 looks on a white background.

Color Contrast Check

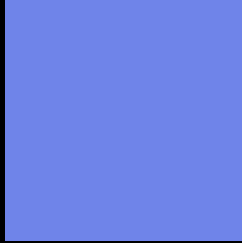
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.2350, -44.9370, 26.9590 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 137.2350, -44.9370, 26.9590

Background



This preview shows how black text looks on a background with the YIQ color 137.2350, -44.9370, 26.9590.



This preview shows how white text looks on a background with the YIQ color 137.2350, -44.9370, 26.9590.

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

137.2350, -44.9370, 26.9590

Protanopia

134.5540, -56.2610, 22.9310

Deuteranopia

130.6510, -67.0800, 15.2560



Tritanopia

131.1290, -40.2080, -9.2000

Trichromacy



Original Color

137.2350, -44.9370, 26.9590

Protanomaly

135.6470, -52.0890, 24.4150

Deuteranomaly

132.8910, -58.8280, 19.8920

Tritanomaly

133.3760, -41.8610, 4.2430

Monochromacy



Original Color

137.2350, -44.9370, 26.9590

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1250, -16.0490, 10.0230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.2350, -44.9370, 26.9590 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(111, 132, 233)` looks like.

```
.text, #text, p{  
    color:rgb(111, 132, 233)  
}
```

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(111, 132, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 132, 233) }
```

Border

The CSS property to change the border of an element to YIQ 137.2350, -44.9370, 26.9590 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(111, 132, 233) }
```


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

```
.border{ border-color:rgb(111, 132, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 132, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 132, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 132, 233);  
box-shadow:4px 4px 4px 4px rgb(111, 132,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 137.2350, -44.9370, 26.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 132, 233) }
```

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

```
.background{ background-color: rgb(111,  
132, 233) }
```

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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