

Converting Colors

YIQ(142.7080, -35.7230,
36.1890)

Have a look what the booklet for
YIQ(142.7080, -35.7230, 36.1890)
contains.

YIQ(142.7080, -35.7230, 36.1890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(142.7080, -35.7230,
36.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	8381F4
RGB	131, 129, 244
RGB Percent	51%, 51%, 96%
CMY	0.4862, 0.4941, 0.0434
CMYK	0.46, 0.47, 0.00, 0.04
HSL	241°, 84%, 73%
HSV	241°, 47%, 96%
XYZ	33.5335, 27.0553, 88.9959
YIQ	142.7080, -35.7230, 36.1890

Conversions

Conversions Part 2

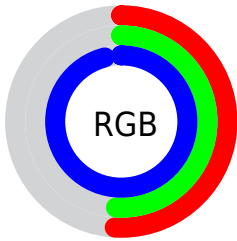
Format	Color
R _Y B	131, 129, 244
Decimal	8618484
CIE Lab	59.03, 29.92, -57.64
CIE LCh	59, 64.945, 297.432
Yxy	27.0553, 0.2242, 0.1809
Android (android.graphics.Color)	4286808564 (0xFF8381F4)
YUV	142.7080, 49.9370, -10.2679
Hunter-Lab	52.0147, 24.0518, -65.0334

Details

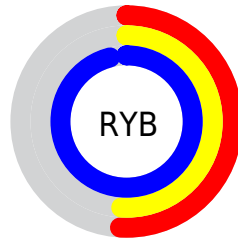
The YIQ color $142.7080, -35.7230, 36.1890$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $230.2920, 35.7230, -36.1890$, and the grayscale version is $142.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $192.4150, -19.2610, 24.1870$, and $89.8060, -39.1150, 31.5810$ is the 20% darker color. If you saturate the color by 10%, you get $121.4440, -43.4270, 43.6530$, and if you desaturate by 10%, it is $163.9720, -28.0190, 28.7250$.

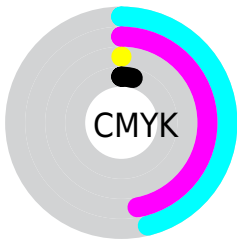
Distribution



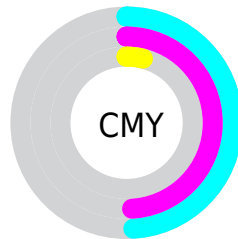
- Red (51%)
- Green (51%)
- Blue (96%)



- Red (51%)
- Yellow (51%)
- Blue (96%)



- Cyan (46%)
- Magenta (47%)
- Yellow (0%)
- Black (4%)



- Cyan (49%)
- Magenta (49%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.7080, -35.7230, 36.1890 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 142.7080, -35.7230, 36.1890 by changing the saturation by 10% instead.

■ 142.7080,
-35.7230, 36.1890

■ 142.7080,
-35.7230, 36.1890

■ 255.0000, -0.0000,
-0.0000

■ 116.0560,
-36.8230, 34.0970

■ 192.4150,
-19.2610, 24.1870

■ 89.8060, -39.1150,
31.5810

■ 217.2340, -8.8060,
16.4260

■ 62.9470, -44.0660,
27.6940

■ 243.2270, 1.0990,
7.6190

■ 36.2940, -52.5930,
22.5350

■ 21.5900, -38.7470,
24.9090

■ 9.3480, -26.3220,
25.5020

■ 9.5470, -19.9930,

15.4230

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 142.7080,
-35.7230, 36.1890

■ 142.7080,
-35.7230, 36.1890

■ 121.4440,
-43.4270, 43.6530

■ 163.9720,
-28.0190, 28.7250

■ 99.5930, -50.8560,
51.6400

■ 185.8230,
-20.5900, 20.7380

■ 78.3290, -58.5600,
59.1040

■ 207.0870,
-12.8860, 13.2740

■ 56.4780, -65.9890,
67.0910

■ 228.9380, -5.4570,
5.2870

■ 35.2140, -73.6930,
74.5550

■ 250.2020, 2.2470,
-2.1770

■ 29.0120, -75.9400,
76.7320

■ 253.7460, 3.5310,
-3.4210

Harmonies

Analogous

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



117.1200, -123.1050, 0.8550



142.7080, -35.7230, 36.1890



145.3110, 28.9670, 53.2470

Triad

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



142.7080, -35.7230, 36.1890



136.9910, 83.3080, -0.9800



114.0060, -89.5350, -45.8790

Complementary

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



142.7080, -35.7230, 36.1890



230.2920, 35.7230, -36.1890

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.



109.5310, -60.8770, -58.6450



142.7080, -35.7230, 36.1890



133.0320, 65.7540, -35.2860

Square

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



142.7080, -35.7230, 36.1890



136.0780, 88.7580, 32.4220



128.3020, 20.5950, -48.3730



120.6180, -108.1530, -27.8410

Rectangle

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



142.7080, -35.7230, 36.1890



140.2900, 59.8230, 55.7190



128.3020, 20.5950, -48.3730



111.1390, -82.8400, -51.5760

Sweetspot

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



142.7080, -35.7230, 36.1890



223.4030, -10.9600, 11.4080



208.4410, -67.9900, -23.3340



108.5080, -7.0620, 6.8420



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.



142.7080, -35.7230, 36.1890



127.1280, -45.3530, 45.5190



159.7510, -1.7510, 48.2730



111.3680, -3.8520, 3.7320



22.1010, -57.9180, 58.4820



7.0250, -18.3430, 18.5610

Inverse Universe

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



176.2670, 32.2670, 59.5230



169.5430, 40.8380, 74.9020



213.2490, 1.7510, -48.2730



114.9560, 3.3000, 6.2760



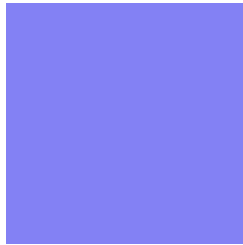
76.4760, 52.1130, 96.3450



24.2530, 16.5460, 30.5460

Previews

White Background



This preview shows how the YIQ color 142.7080, -35.7230, 36.1890 looks on a white background.

Color Contrast Check

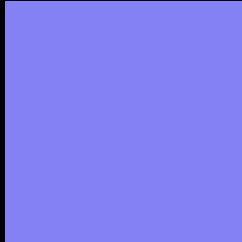
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.7080, -35.7230, 36.1890 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 142.7080, -35.7230, 36.1890

Background



This preview shows how black text looks on a background with the YIQ color 142.7080, -35.7230, 36.1890.



This preview shows how white text looks on a background with the YIQ color 142.7080, -35.7230,

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

142.7080, -35.7230, 36.1890

Protanopia

135.8610, -67.3110, 24.9530

Deuteranopia

132.3450, -74.9660, 15.0020



Tritanopia

137.4080, -27.6920, -4.7480

Trichromacy



Original Color

142.7080, -35.7230, 36.1890

Protanomaly

138.5420, -55.9870, 28.9810

Deuteranomaly

136.1020, -60.8000, 22.5920

Tritanomaly

139.2250, -30.9500, 10.2500

Monochromacy



Original Color

142.7080, -35.7230, 36.1890

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

143.0870, -12.8860, 13.2740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.7080, -35.7230, 36.1890 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(131, 129, 244)` looks like.

```
.text, #text, p{  
    color:rgb(131, 129, 244)  
}
```

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(131, 129, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 129, 244) }
```

Border

The CSS property to change the border of an element to YIQ 142.7080, -35.7230, 36.1890 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(131, 129, 244) }
```


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

```
.border{ border-color:rgb(131, 129, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 129, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 129, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 129, 244);  
box-shadow:4px 4px 4px 4px rgb(131, 129,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 142.7080, -35.7230, 36.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 129, 244) }
```

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

```
.background{ background-color: rgb(131,  
129, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor