

Converting Colors

YIQ(174.8810, -35.6730,
13.2470)

Have a look what the booklet for
YIQ(174.8810, -35.6730, 13.2470)
contains.

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Color

**YIQ(174.8810, -35.6730,
13.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	95B0ED
RGB	149, 176, 237
RGB Percent	58%, 69%, 93%
CMY	0.4157, 0.3097, 0.0708
CMYK	0.37, 0.26, 0.00, 0.07
HSL	222°, 71%, 76%
HSV	222°, 37%, 93%
XYZ	43.1998, 43.5557, 86.2141
YIQ	174.8810, -35.6730, 13.2470

Conversions

Conversions Part 2

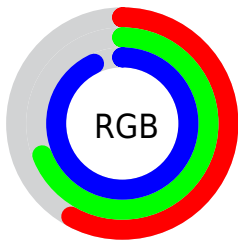
Format	Color
RYB	149, 170, 237
Decimal	9810157
CIELab	71.93, 5.42, -33.42
CIELCh	72, 33.860, 279.210
Yxy	43.5557, 0.2498, 0.2518
Android (android.graphics.Color)	4288000237 (0xFF95B0ED)
YUV	174.8810, 30.6247, -22.6976
Hunter-Lab	65.9968, 1.3473, -31.2551

Details

The YIQ color **174.8810, -35.6730, 13.2470** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **211.1190, 35.6730, -13.2470**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.9620, -23.2000, 1.9520**, and **121.8270, -35.5810, 11.5790** is the 20% darker color. If you saturate the color by 10%, you get **158.3130, -45.5770, 16.5270**, and if you desaturate by 10%, it is **191.4490, -25.7690, 9.9670**.

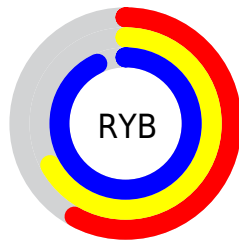
Distribution



Red (58%)

Green (69%)

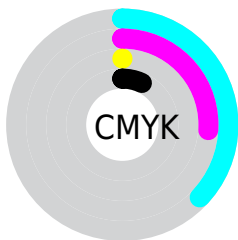
Blue (93%)



Red (58%)

Yellow (67%)

Blue (93%)

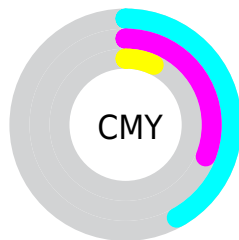


Cyan (37%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (42%)

Magenta (31%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8810, -35.6730, 13.2470 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 174.8810, -35.6730, 13.2470 by changing the saturation by 10% instead.

■ 174.8810,
-35.6730, 13.2470

■ 174.8810,
-35.6730, 13.2470

■ 255.0000, -0.0000,
-0.0000

■ 147.7670,
-35.3520, 12.9360

■ 225.9620,
-23.2000, 1.9520

■ 121.8270,
-35.5810, 11.5790

■ 248.7210,
-12.5160, -4.4520

■ 95.7020, -36.7270,
10.3210

■ 70.2780, -38.4690,
8.8510

■ 42.7390, -47.3170,
4.0030

■ 27.6760, -33.8380,
7.5220

■ 10.3790, -19.5800,

13.4440

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,
1.8660

■ 174.8810,
-35.6730, 13.2470

■ 174.8810,
-35.6730, 13.2470

■ 158.3130,
-45.5770, 16.5270

■ 191.4490,
-25.7690, 9.9670

■ 141.4570,
-54.6100, 20.5420

■ 208.3050,
-16.7360, 5.9520

■ 124.8890,
-64.5140, 23.8220

■ 224.8730, -6.8320,
2.6720

■ 107.7340,
-74.1430, 27.6250

■ 242.0280, 2.7970,
-1.1310

■ 91.4650, -83.4510,
31.1170

■ 252.9480, 5.7780,
-5.5980

■ 74.8970, -93.3550,
34.3970

■ 69.8690, -96.1520,
35.5280

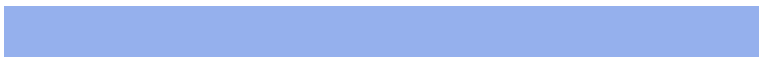
Harmonies

Analogous

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



165.3560, -65.4720, -2.8800



174.8810, -35.6730, 13.2470



180.0980, -2.2510, 24.2850

Triad

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



174.8810, -35.6730, 13.2470



177.9710, 51.6700, 10.7260



164.5420, -31.9060, -27.5060

Complementary

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



174.8810, -35.6730, 13.2470



211.1190, 35.6730, -13.2470

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.



169.7060, -0.1330, -25.1330



174.8810, -35.6730, 13.2470



176.1790, 44.6120, -4.5400

Square

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



174.8810, -35.6730, 13.2470



179.8260, 45.2490, 22.4730



173.2210, 26.4580, -16.9500



158.8990, -63.5880, -26.0200

Rectangle

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



174.8810, -35.6730, 13.2470



180.7430, 17.9220, 27.6340



173.2210, 26.4580, -16.9500



166.8160, -20.9940, -27.0260

Sweetspot

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



174.8810, -35.6730, 13.2470



235.4750, -11.4630, 4.0010



207.4960, -43.4600, -27.3640



115.8730, -6.8320, 2.6720



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.



174.8810, -35.6730, 13.2470



173.6550, -46.5400, 17.4600



163.8160, -18.7120, 30.7600



109.0150, -4.3560, 1.8520



53.5060, -73.5010, 27.0030



15.5480, -21.7340, 8.4260

Inverse Universe

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



178.3900, 43.7810, 27.0530



178.3750, 57.3050, 35.2650



222.1840, 18.7120, -30.7600



109.6310, 5.5930, 3.2650



60.5030, 89.9000, 55.7880



17.9700, 27.0480, 16.4240

Previews

White Background



This preview shows how the YIQ color 174.8810, -35.6730, 13.2470 looks on a white background.

Color Contrast Check

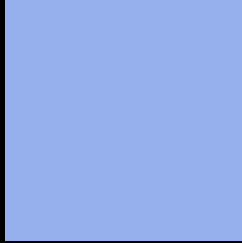
Large Text (above 18pt) WCAG AA × Fail

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 174.8810, -35.6730, 13.2470 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 ✓ Pass

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

YIQ 174.8810, -35.6730, 13.2470

Background



This preview shows how black text looks on a background with the YIQ color 174.8810, -35.6730, 13.2470.



This preview shows how white text looks on a background with the YIQ color 174.8810, -35.6730,

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

174.8810, -35.6730, 13.2470

Protanopia

176.4690, -28.5210, 15.7910

Deuteranopia

175.9250, -29.8050, 17.0350



Tritanopia

171.8530, -30.4430, -4.4510

Trichromacy



Original Color

174.8810, -35.6730, 13.2470

Protanomaly

175.9740, -31.5010, 14.7310

Deuteranomaly

175.6150, -31.8680, 15.8760

Tritanomaly

172.5850, -32.3240, 2.1080

Monochromacy



Original Color

174.8810, -35.6730, 13.2470

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.9310, -12.7470, 5.2450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8810, -35.6730, 13.2470 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(149, 176, 237)` looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 237)  
}
```

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(149, 176, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 176, 237) }
```

Border

The CSS property to change the border of an element to YIQ 174.8810, -35.6730, 13.2470 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(149, 176, 237) }
```


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

```
.border{ border-color:rgb(149, 176, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 176, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 176, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 176, 237);  
box-shadow:4px 4px 4px 4px rgb(149, 176,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8810, -35.6730, 13.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 176, 237) }
```

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

```
.background{ background-color: rgb(149,  
176, 237) }
```

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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