

Converting Colors

YIQ(129.1370, -59.8810,
11.4390)

Have a look what the booklet for
YIQ(129.1370, -59.8810, 11.4390)
contains.

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Color

**YIQ(129.1370, -59.8810,
11.4390)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8AD7
RGB	79, 138, 215
RGB Percent	31%, 54%, 84%
CMY	0.6903, 0.4587, 0.1572
CMYK	0.63, 0.36, 0.00, 0.16
HSL	214°, 63%, 58%
HSV	214°, 63%, 84%
XYZ	24.5706, 24.7478, 67.7207
YIQ	129.1370, -59.8810, 11.4390

Conversions

Conversions Part 2

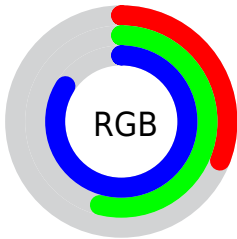
Format	Color
R_{YB}	79, 120, 215
Decimal	5212887
CIE _{Lab}	56.83, 4.60, -45.15
CIE _{LCh}	57, 45.386, 275.813
Yxy	24.7478, 0.2099, 0.2114
Android (android.graphics.Color)	4283402967 (0xFF4F8AD7)
YUV	129.1370, 42.3305, -43.9701
Hunter-Lab	49.7471, 1.1052, -45.8884

Details

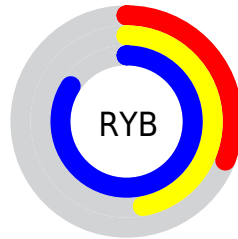
The YIQ color **129.1370, -59.8810, 11.4390** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **164.8630, 59.8810, -11.4390**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7480, -51.5360, 8.8800**, and **70.4830, -75.8350, 3.2130** is the 20% darker color. If you saturate the color by 10%, you get **115.5150, -69.6930, 13.0510**, and if you desaturate by 10%, it is **142.4600, -50.6650, 9.6150**.

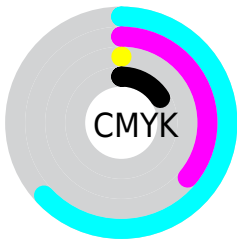
Distribution



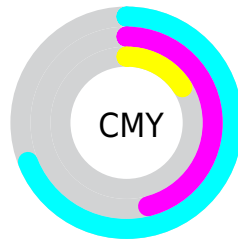
- Red (31%)
- Green (54%)
- Blue (84%)



- Red (31%)
- Yellow (47%)
- Blue (84%)



- Cyan (63%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (69%)
- Magenta (46%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.1370, -59.8810, 11.4390 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 129.1370, -59.8810, 11.4390 by changing the saturation by 10% instead.

■ 129.1370,
-59.8810, 11.4390

■ 129.1370,
-59.8810, 11.4390

■ 255.0000, -0.0000,
-0.0000

■ 100.8050,
-64.8780, 8.3860

■ 182.7480,
-51.5360, 8.8800

■ 70.4830, -75.8350,
3.2130

■ 208.1540,
-41.3560, 0.5960

■ 53.9040, -60.8430,
6.8450

■ 233.2610,
-31.7720, -7.9000

■ 38.0260, -46.4470,
10.2650

■ 246.9270,
-16.0920, -5.7240

■ 24.1370, -33.5180,
12.7380

■ 10.2480, -20.5890,
15.2110

■ 5.2780, -12.1060,

10.1500

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 129.1370,
-59.8810, 11.4390

■ 129.1370,
-59.8810, 11.4390

■ 115.5150,
-69.6930, 13.0510

■ 142.4600,
-50.6650, 9.6150

■ 102.1920,
-78.9090, 14.8750

■ 156.0820,
-40.8530, 8.0030

■ 88.8690, -88.1250,
16.6990

■ 169.4050,
-31.6370, 6.1790

■ 79.1010, -94.5900,
18.2260

■ 183.6140,
-22.1000, 4.0440

■ 196.9370,
-12.8840, 2.2200

■ 210.5590, -3.0720,
0.6080

■ 223.8820, 6.1440,
-1.2160

■ 237.5040, 15.9560,
-2.8280

■ 245.7440, 15.0400,
-8.2560

Harmonies

Analogous

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



111.1750, -107.7430, -13.2390



129.1370, -59.8810, 11.4390



139.6660, -9.5420, 29.7700

Triad

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



129.1370, -59.8810, 11.4390



136.0650, 63.2690, 15.2770



117.8730, -43.5040, -37.5840

Complementary

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



129.1370, -59.8810, 11.4390



164.8630, 59.8810, -11.4390

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.



127.0450, 2.9860, -32.1020



129.1370, -59.8810, 11.4390



134.8120, 55.8910, -5.2050

Square

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



129.1370, -59.8810, 11.4390



137.1850, 54.7840, 31.3920



132.0230, 35.5830, -22.6330



107.8740, -88.8030, -37.1150

Rectangle

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



129.1370, -59.8810, 11.4390



140.7850, 18.1040, 35.3520



132.0230, 35.5830, -22.6330



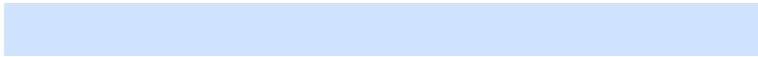
122.2080, -25.3940, -35.3940

Sweetspot

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



129.1370, -59.8810, 11.4390



224.7990, -21.1830, 3.9450



167.3820, -61.4750, -47.8030



109.0510, -13.2050, 2.5310



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.



129.1370, -59.8810, 11.4390



132.4240, -85.3740, 16.4020



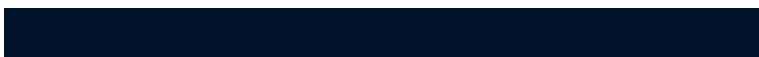
96.5970, -39.4840, 43.7800



100.1890, -4.9060, 0.8060



62.9320, -75.2410, 14.4790



16.0550, -19.0280, 3.4360

Inverse Universe

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



126.3900, 62.1170, 47.1810



128.5820, 88.6600, 67.2520



197.4030, 39.4840, -43.7800



99.8590, 4.9510, 3.8870



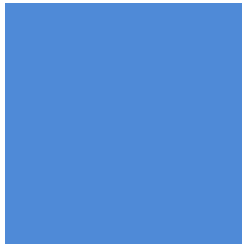
59.5650, 78.1620, 59.2660



15.0230, 19.5290, 15.0250

Previews

White Background



This preview shows how the YIQ color 129.1370, -59.8810, 11.4390 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 129.1370, -59.8810, 11.4390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

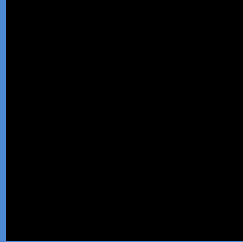
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

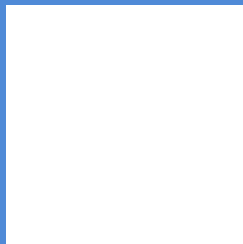
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 129.1370, -59.8810, 11.4390

Background



This preview shows how black text looks on a background with the YIQ color 129.1370, -59.8810, 11.4390.



This preview shows how white text looks on a background with the YIQ color 129.1370, -59.8810,

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

129.1370, -59.8810, 11.4390

Protanopia

134.1180, -40.5340, 18.7460

Deuteranopia

131.5510, -52.1790, 15.0290



Tritanopia

121.0660, -62.2600, -17.0440

Trichromacy



Original Color

129.1370, -59.8810, 11.4390

Protanomaly

132.4160, -47.3650, 15.8910

Deuteranomaly

130.9420, -54.8380, 13.6580

Tritanomaly

123.9880, -61.6200, -6.6120

Monochromacy



Original Color

129.1370, -59.8810, 11.4390

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9130, -21.5040, 4.2560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.1370, -59.8810, 11.4390 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(79, 138, 215)` looks like.

```
.text, #text, p{  
    color:rgb(79, 138, 215)  
}
```

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(79, 138, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 138, 215) }
```

Border

The CSS property to change the border of an element to YIQ 129.1370, -59.8810, 11.4390 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(79, 138, 215) }
```


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

```
.border{ border-color:rgb(79, 138, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 138, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 138, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 138, 215);  
box-shadow:4px 4px 4px 4px rgb(79, 138,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 129.1370, -59.8810, 11.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 138, 215) }
```

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

```
.background{ background-color: rgb(79, 138,  
215) }
```

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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