

Converting Colors

YIQ(129.5800, -59.1500,
25.7300)

Have a look what the booklet for
YIQ(129.5800, -59.1500, 25.7300)
contains.

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Color

**YIQ(129.5800, -59.1500,
25.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	5981EF
RGB	89, 129, 239
RGB Percent	35%, 51%, 94%
CMY	0.6510, 0.4940, 0.0631
CMYK	0.63, 0.46, 0.00, 0.06
HSL	224°, 82%, 64%
HSV	224°, 63%, 94%
XYZ	27.5396, 24.0557, 84.7899
YIQ	129.5800, -59.1500, 25.7300

Conversions

Conversions Part 2

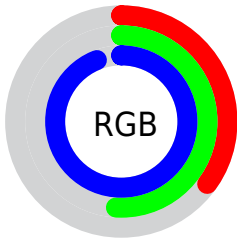
Format	Color
R _Y B	89, 121, 239
Decimal	5865967
CIE Lab	56.14, 19.90, -59.62
CIE LCh	56, 62.850, 288.455
Yxy	24.0557, 0.2019, 0.1764
Android (android.graphics.Color)	4284056047 (0xFF5981EF)
YUV	129.5800, 53.9441, -35.5887
Hunter-Lab	49.0466, 14.3959, -68.1656

Details

The YIQ color **129.5800, -59.1500, 25.7300** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **198.4200, 59.1500, -25.7300**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4660, -41.6340, 16.6540**, and **68.2950, -80.6970, 14.2390** is the 20% darker color. If you saturate the color by 10%, you get **112.4250, -68.7790, 29.5330**, and if you desaturate by 10%, it is **147.3220, -49.7960, 21.4040**.

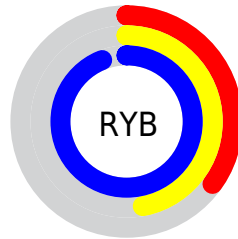
Distribution



Red (35%)

Green (51%)

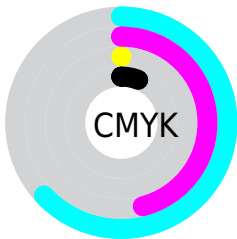
Blue (94%)



Red (35%)

Yellow (47%)

Blue (94%)

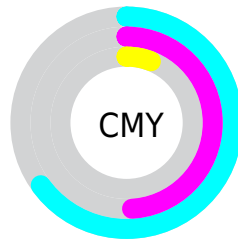


Cyan (63%)

Magenta (46%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (49%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.5800, -59.1500, 25.7300 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 129.5800, -59.1500, 25.7300 by changing the saturation by 10% instead.

■ 129.5800,
-59.1500, 25.7300

■ 129.5800,
-59.1500, 25.7300

■ 255.0000, -0.0000,
-0.0000

■ 100.8350,
-64.4220, 22.1540

■ 180.4660,
-41.6340, 16.6540

■ 68.2950, -80.6970,
14.2390

■ 205.8720,
-31.4540, 8.3700

■ 51.7160, -65.7050,
17.8710

■ 231.2780,
-21.2740, 0.0860

■ 36.8980, -51.5380,
19.9340

■ 251.1130, -7.7480,
-2.7560

■ 22.7810, -37.9670,
21.7850

■ 13.0010, -26.9630,
20.5970

■ 9.0910, -18.7090,

14.1790

■ 4.7080, -10.5010,
8.5950

■ 0.3420, -0.9630,
0.9330

■ 129.5800,
-59.1500, 25.7300

■ 129.5800,
-59.1500, 25.7300

■ 112.4250,
-68.7790, 29.5330

■ 147.3220,
-49.7960, 21.4040

■ 94.6830, -78.1330,
33.8590

■ 164.4770,
-40.1670, 17.6010

■ 76.9410, -87.4870,
38.1850

■ 182.2190,
-30.8130, 13.2750

■ 64.8140, -94.3190,
40.8570

■ 199.3740,
-21.1840, 9.4720

■ 216.8170,
-12.4260, 4.9340

■ 233.9720, -2.7970,
1.1310

■ 251.4150, 5.9610,
-3.4070

■ 253.1760, 5.1360,
-4.9760

Harmonies

Analogous

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



113.8770, -118.1070, -1.6190



129.5800, -59.1500, 25.7300



138.2810, 11.3160, 48.2440

Triad

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



129.5800, -59.1500, 25.7300



129.6140, 83.3520, 9.2400



105.9870, -79.3560, -48.6360

Complementary

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



129.5800, -59.1500, 25.7300



198.4200, 59.1500, -25.7300

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.



114.1350, -24.2910, -49.8830



129.5800, -59.1500, 25.7300



126.3520, 71.0250, -26.1830

Square

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



129.5800, -59.1500, 25.7300



128.6570, 82.9340, 38.8540



122.1530, 37.1920, -46.2960



113.0720, -97.9280, -31.4320

Rectangle

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



129.5800, -59.1500, 25.7300



134.8090, 45.0600, 53.4440



122.1530, 37.1920, -46.2960



102.6470, -72.7070, -53.4990

Sweetspot

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



129.5800, -59.1500, 25.7300



219.5160, -18.7080, 8.6520



189.2480, -75.5970, -45.1730



106.1160, -11.8300, 5.1460



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.



129.5800, -59.1500, 25.7300



115.7110, -75.3360, 32.7280



115.6680, -29.0780, 53.4340



111.1290, -4.6770, 2.1630



49.7390, -72.5390, 31.5970



15.1890, -22.1010, 9.5710

Inverse Universe

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



138.4100, 76.5600, 44.2400



126.9230, 97.4650, 56.3530



212.0330, 28.4820, -53.6460



111.9300, 6.1890, 3.4770



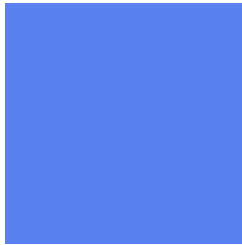
60.6020, 93.9350, 54.2470



18.4540, 28.5610, 16.5370

Previews

White Background



This preview shows how the YIQ color 129.5800, -59.1500, 25.7300 looks on a white background.

Color Contrast Check

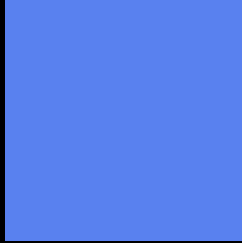
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.5800, -59.1500, 25.7300 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 129.5800, -59.1500, 25.7300

Background



This preview shows how black text looks on a background with the YIQ color 129.5800, -59.1500, 25.7300.



This preview shows how white text looks on a background with the YIQ color 129.5800, -59.1500,

25.7300.

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

129.5800, -59.1500, 25.7300

Protanopia

127.8890, -64.5140, 23.8220

Deuteranopia

118.8100, -89.6370, 11.0590



Tritanopia

118.4680, -63.4520, -17.4680

Trichromacy



Original Color

129.5800, -59.1500, 25.7300

Protanomaly

128.7860, -62.7260, 24.4580

Deuteranomaly

122.5450, -78.4050, 16.7550

Tritanomaly

122.1500, -61.8960, -1.6080

Monochromacy



Original Color

129.5800, -59.1500, 25.7300

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.0750, -21.7800, 9.2600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.5800, -59.1500, 25.7300 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(89, 129, 239)` looks like.

```
.text, #text, p{  
    color:rgb(89, 129, 239)  
}
```

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(89, 129, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 129, 239) }
```

Border

The CSS property to change the border of an element to YIQ 129.5800, -59.1500, 25.7300 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(89, 129, 239) }
```


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

```
.border{ border-color:rgb(89, 129, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 129, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 129, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 129, 239);  
box-shadow:4px 4px 4px 4px rgb(89, 129,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 129.5800, -59.1500, 25.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 129, 239) }
```

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

```
.background{ background-color: rgb(89, 129,  
239) }
```

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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