

Converting Colors

YIQ(126.7600, -59.8370,
21.6590)

Have a look what the booklet for
YIQ(126.7600, -59.8370, 21.6590)
contains.

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Color

**YIQ(126.7600, -59.8370,
21.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	5381E6
RGB	83, 129, 230
RGB Percent	33%, 51%, 90%
CMY	0.6745, 0.4940, 0.0984
CMYK	0.64, 0.44, 0.00, 0.10
HSL	221°, 75%, 61%
HSV	221°, 64%, 90%
XYZ	25.6907, 23.2528, 77.9378
YIQ	126.7600, -59.8370, 21.6590

Conversions

Conversions Part 2

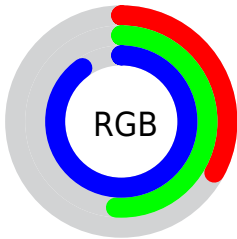
Format	Color
R _Y B	83, 118, 230
Decimal	5472742
CIE Lab	55.33, 15.82, -55.92
CIE LCh	55, 58.115, 285.795
Yxy	23.2528, 0.2025, 0.1833
Android (android.graphics.Color)	4283662822 (0xFF5381E6)
YUV	126.7600, 50.8973, -38.3775
Hunter-Lab	48.2211, 10.7121, -62.0732

Details

The YIQ color **126.7600, -59.8370, 21.6590** 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 **186.2400, 59.8370, -21.6590**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6720, -45.2100, 15.3820**, and **67.3830, -78.1290, 11.7510** is the 20% darker color. If you saturate the color by 10%, you get **110.4910, -69.1450, 25.1510**, and if you desaturate by 10%, it is **143.0290, -50.5290, 18.1670**.

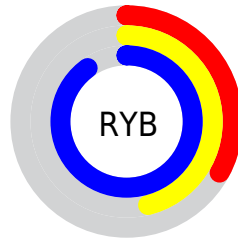
Distribution



Red (33%)

Green (51%)

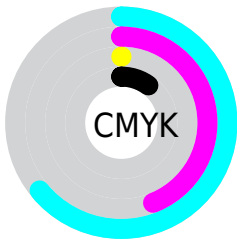
Blue (90%)



Red (33%)

Yellow (46%)

Blue (90%)

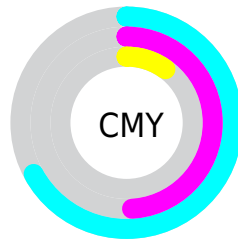


Cyan (64%)

Magenta (44%)

Yellow (0%)

Black (10%)



Cyan (67%)

Magenta (49%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.7600, -59.8370, 21.6590 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 126.7600, -59.8370, 21.6590 by changing the saturation by 10% instead.

■ 126.7600,
-59.8370, 21.6590

■ 126.7600,
-59.8370, 21.6590

■ 255.0000, -0.0000,
-0.0000

■ 98.0150, -65.1090,
18.0830

■ 178.6720,
-45.2100, 15.3820

■ 67.3830, -78.1290,
11.7510

■ 204.0780,
-35.0300, 7.0980

■ 50.8040, -63.1370,
15.3830

■ 229.4840,
-24.8500, -1.1860

■ 35.9860, -48.9700,
17.4460

■ 249.0200,
-11.9200, -4.2400

■ 21.9830, -35.7200,
19.6080

■ 12.6760, -24.6700,
17.5860

■ 7.7060, -16.1870,

12.5250

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 126.7600,
-59.8370, 21.6590

■ 126.7600,
-59.8370, 21.6590

■ 110.4910,
-69.1450, 25.1510

■ 143.0290,
-50.5290, 18.1670

■ 94.2220, -78.4530,
28.6430

■ 159.2980,
-41.2210, 14.6750

■ 78.5400, -88.0360,
31.6120

■ 174.9800,
-31.6380, 11.7060

■ 68.4840, -93.6300,
33.8740

■ 191.2490,
-22.3300, 8.2140

■ 207.5180,
-13.0220, 4.7220

■ 223.7870, -3.7140,
1.2300

■ 240.0560, 5.5940,
-2.2620

■ 252.1500, 8.0250,
-7.7750

Harmonies

Analogous

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



111.3350, -113.7050, -4.3050



126.7600, -59.8370, 21.6590



136.4820, 6.1360, 43.0000

Triad

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



126.7600, -59.8370, 21.6590



128.5580, 77.7580, 11.5020



103.0690, -76.6510, -48.0990

Complementary

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



126.7600, -59.8370, 21.6590



186.2400, 59.8370, -21.6590

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.



115.7880, -15.7640, -44.7240



126.7600, -59.8370, 21.6590



126.9850, 65.1090, -18.0830

Square

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



126.7600, -59.8370, 21.6590



128.2970, 75.1400, 36.9320



122.9390, 35.2190, -38.0690



109.5840, -93.6180, -32.4500

Rectangle

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



126.7600, -59.8370, 21.6590



134.6400, 38.0460, 48.3980



122.9390, 35.2190, -38.0690



99.9570, -70.6440, -52.3400

Sweetspot

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



126.7600, -59.8370, 21.6590



221.2770, -19.5330, 7.0830



180.6890, -72.5250, -45.7810



106.7030, -12.1050, 4.6230



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.



126.7600, -59.8370, 21.6590



117.1510, -79.6910, 29.0530



107.8310, -31.0950, 51.4410



106.7160, -4.9520, 1.6400



53.2780, -72.8590, 26.3810



15.2060, -20.7710, 7.4930

Inverse Universe

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



132.1970, 72.8460, 45.4700



124.5580, 97.2350, 60.5230



205.1690, 31.0950, -51.4410



107.0440, 5.8680, 3.7880



59.9050, 88.7080, 55.3640



17.0730, 25.2600, 15.7880

Previews

White Background



This preview shows how the YIQ color 126.7600, -59.8370, 21.6590 looks on a white background.

Color Contrast Check

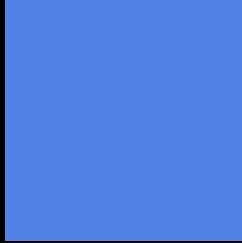
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7600, -59.8370, 21.6590 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

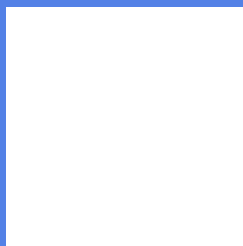
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 126.7600, -59.8370, 21.6590

Background



This preview shows how black text looks on a background with the YIQ color 126.7600, -59.8370, 21.6590.



This preview shows how white text looks on a background with the YIQ color 126.7600, -59.8370, 21.6590.

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

126.7600, -59.8370, 21.6590

Protanopia

126.9560, -57.4530, 22.5070

Deuteranopia

120.3230, -77.9000, 13.1080



Tritanopia

115.5710, -65.2400, -18.1040

Trichromacy



Original Color

126.7600, -59.8370, 21.6590

Protanomaly

126.6570, -58.0490, 22.2950

Deuteranomaly

123.0250, -71.0690, 15.9630

Tritanomaly

119.6120, -63.3170, -3.3890

Monochromacy



Original Color

126.7600, -59.8370, 21.6590

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0210, -21.6880, 7.5920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.7600, -59.8370, 21.6590 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(83, 129, 230)` looks like.

```
.text, #text, p{  
    color:rgb(83, 129, 230)  
}
```

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(83, 129, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 129, 230) }
```

Border

The CSS property to change the border of an element to YIQ 126.7600, -59.8370, 21.6590 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(83, 129, 230) }
```


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

```
.border{ border-color:rgb(83, 129, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 129, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 129, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 129, 230);  
box-shadow:4px 4px 4px 4px rgb(83, 129,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 126.7600, -59.8370, 21.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 129, 230) }
```

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

```
.background{ background-color: rgb(83, 129,  
230) }
```

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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