

Converting Colors

YIQ(127.7060, -59.7450,
19.9910)

Have a look what the booklet for
YIQ(127.7060, -59.7450, 19.9910)
contains.

YIQ(127.7060, -59.7450, 19.9910)	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(127.7060, -59.7450,
19.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	5383E4
RGB	83, 131, 228
RGB Percent	33%, 51%, 89%
CMY	0.6745, 0.4862, 0.1062
CMYK	0.64, 0.43, 0.00, 0.11
HSL	220°, 73%, 61%
HSV	220°, 64%, 89%
XYZ	25.6776, 23.6735, 76.5569
YIQ	127.7060, -59.7450, 19.9910

Conversions

Conversions Part 2

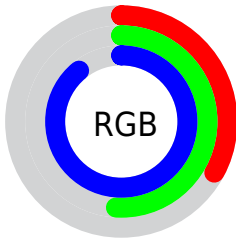
Format	Color
R _Y B	83, 119, 228
Decimal	5473252
CIE Lab	55.76, 13.92, -54.12
CIE LCh	56, 55.882, 284.424
Yxy	23.6735, 0.2039, 0.1880
Android (android.graphics.Color)	4283663332 (0xFF5383E4)
YUV	127.7060, 49.4449, -39.2072
Hunter-Lab	48.6554, 9.0555, -59.2312

Details

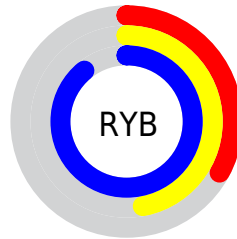
The YIQ color **127.7060, -59.7450, 19.9910** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **183.2940, 59.7450, -19.9910**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.1340, -46.6310, 13.6010**, and **67.7420, -77.7620, 10.6060** is the 20% darker color. If you saturate the color by 10%, you get **112.0240, -69.3280, 22.9600**, and if you desaturate by 10%, it is **143.3880, -50.1620, 17.0220**.

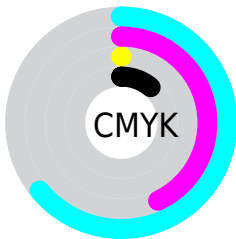
Distribution



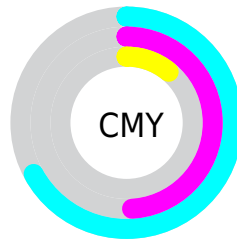
- Red (33%)
- Green (51%)
- Blue (89%)



- Red (33%)
- Yellow (47%)
- Blue (89%)



- Cyan (64%)
- Magenta (43%)
- Yellow (0%)
- Black (11%)



- Cyan (67%)
- Magenta (49%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.7060, -59.7450, 19.9910 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 127.7060, -59.7450, 19.9910 by changing the saturation by 10% instead.

■ 127.7060,
-59.7450, 19.9910

■ 127.7060,
-59.7450, 19.9910

■ 255.0000, -0.0000,
-0.0000

■ 99.0750, -65.3380,
16.7260

■ 180.1340,
-46.6310, 13.6010

■ 67.7420, -77.7620,
10.6060

■ 204.9530,
-36.1760, 5.8400

■ 51.7500, -63.0450,
13.7150

■ 230.3590,
-25.9960, -2.4440

■ 36.4590, -48.9240,
16.6120

■ 248.7210,
-12.5160, -4.4520

■ 22.3420, -35.3530,
18.4630

■ 12.5620, -24.3490,
17.2750

■ 7.0050, -15.5910,

12.7370

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 127.7060,
-59.7450, 19.9910

■ 127.7060,
-59.7450, 19.9910

■ 112.0240,
-69.3280, 22.9600

■ 143.3880,
-50.1620, 17.0220

■ 96.3420, -78.9110,
25.9290

■ 159.0700,
-40.5790, 14.0530

■ 80.3720, -87.6230,
29.6330

■ 175.0400,
-31.8670, 10.3490

■ 70.6040, -94.0880,
31.1600

■ 190.7220,
-22.2840, 7.3800

■ 206.4040,
-12.7010, 4.4110

■ 222.0860, -3.1180,
1.4420

■ 238.3550, 6.1900,
-2.0500

■ 250.7480, 9.2170,
-7.3510

■ 251.9220, 8.6670,
-8.3970

Harmonies

Analogous

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



111.5800, -113.0170, -5.7610



127.7060, -59.7450, 19.9910



137.3460, 3.5230, 40.7950

Triad

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



127.7060, -59.7450, 19.9910



130.3020, 75.6030, 12.0110



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.



127.7060, -59.7450, 19.9910



183.2940, 59.7450, -19.9910

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.



118.5220, -11.9590, -42.0950



127.7060, -59.7450, 19.9910



128.8970, 62.5410, -15.5950

Square

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



127.7060, -59.7450, 19.9910



130.8020, 72.1600, 35.8720



125.0470, 35.0350, -34.7330



109.9430, -93.2510, -33.5950

Rectangle

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



127.7060, -59.7450, 19.9910



136.2050, 34.8370, 45.9810



125.0470, 35.0350, -34.7330



100.6580, -71.2400, -52.5520

Sweetspot

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



127.7060, -59.7450, 19.9910



221.8640, -19.8080, 6.5600



179.1730, -71.0120, -45.6680



107.2900, -12.3800, 4.1000



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.



127.7060, -59.7450, 19.9910



120.6840, -79.8740, 26.8620



106.7060, -32.2410, 50.1830



106.7160, -4.9520, 1.6400



55.0390, -73.6840, 24.8120



15.7930, -21.0460, 6.9700

Inverse Universe

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



131.8270, 71.0120, 45.6680



126.3020, 95.0800, 61.0320



204.2940, 32.2410, -50.1830



107.0440, 5.8680, 3.7880



60.2470, 87.7450, 56.2970



17.1870, 24.9390, 16.0990

Previews

White Background



This preview shows how the YIQ color 127.7060, -59.7450, 19.9910 looks on a white background.

Color Contrast Check

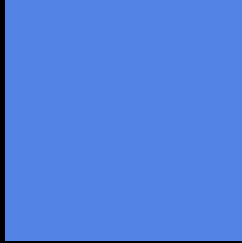
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7060, -59.7450, 19.9910 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 127.7060, -59.7450, 19.9910

Background



This preview shows how black text looks on a background with the YIQ color 127.7060, -59.7450, 19.9910.



This preview shows how white text looks on a background with the YIQ color 127.7060, -59.7450, 19.9910.

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

127.7060, -59.7450, 19.9910

Protanopia

129.3970, -54.3810, 21.8990

Deuteranopia

123.3730, -72.1690, 13.8710



Tritanopia

117.1690, -64.0480, -17.6800

Trichromacy



Original Color

127.7060, -59.7450, 19.9910

Protanomaly

128.5000, -56.1690, 21.2630

Deuteranomaly

124.8790, -67.7220, 15.8780

Tritanomaly

121.2700, -62.3540, -4.3220

Monochromacy



Original Color

127.7060, -59.7450, 19.9910

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9070, -21.3670, 7.2810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.7060, -59.7450, 19.9910 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, 131, 228)` looks like.

```
.text, #text, p{  
    color:rgb(83, 131, 228)  
}
```

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, 131, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 131, 228) }
```

Border

The CSS property to change the border of an element to YIQ 127.7060, -59.7450, 19.9910 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, 131, 228) }
```


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

```
.border{ border-color:rgb(83, 131, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 131, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 131, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 131, 228);  
box-shadow:4px 4px 4px 4px rgb(83, 131,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 127.7060, -59.7450, 19.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 131, 228) }
```

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

```
.background{ background-color: rgb(83, 131,  
228) }
```

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