

Converting Colors

YIQ(130.8140, -59.9290,
23.3270)

Have a look what the booklet for
YIQ(130.8140, -59.9290, 23.3270)
contains.

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Color

**YIQ(130.8140, -59.9290,
23.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	5884ED
RGB	88, 132, 237
RGB Percent	35%, 52%, 93%
CMY	0.6549, 0.4823, 0.0709
CMYK	0.63, 0.44, 0.00, 0.07
HSL	222°, 80%, 64%
HSV	222°, 63%, 93%
XYZ	27.5515, 24.6915, 83.3722
YIQ	130.8140, -59.9290, 23.3270

Conversions

Conversions Part 2

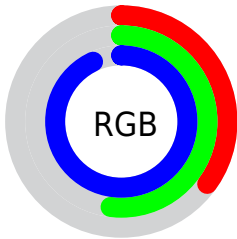
Format	Color
R _Y B	88, 122, 237
Decimal	5801197
CIE Lab	56.77, 17.23, -57.50
CIE LCh	57, 60.025, 286.679
Yxy	24.6915, 0.2032, 0.1821
Android (android.graphics.Color)	4283991277 (0xFF5884ED)
YUV	130.8140, 52.3497, -37.5479
Hunter-Lab	49.6906, 12.0130, -64.6951

Details

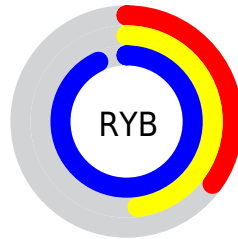
The YIQ color **130.8140, -59.9290, 23.3270** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **194.1860, 59.9290, -23.3270**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.5150, -43.3300, 14.3500**, and **69.2410, -80.6050, 12.5710** is the 20% darker color. If you saturate the color by 10%, you get **113.6590, -69.5580, 27.1300**, and if you desaturate by 10%, it is **147.9690, -50.3000, 19.5240**.

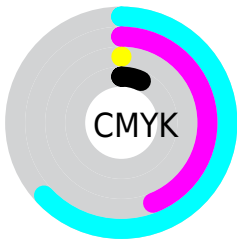
Distribution



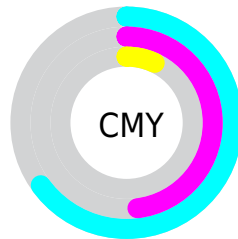
- Red (35%)
- Green (52%)
- Blue (93%)



- Red (35%)
- Yellow (48%)
- Blue (93%)



- Cyan (63%)
- Magenta (44%)
- Yellow (0%)
- Black (7%)



- Cyan (65%)
- Magenta (48%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.8140, -59.9290, 23.3270 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 130.8140, -59.9290, 23.3270 by changing the saturation by 10% instead.

■ 130.8140,
-59.9290, 23.3270

■ 130.8140,
-59.9290, 23.3270

■ 255.0000, -0.0000,
-0.0000

■ 102.0690,
-65.2010, 19.7510

■ 182.5150,
-43.3300, 14.3500

■ 69.2410, -80.6050,
12.5710

■ 207.3340,
-32.8750, 6.5890

■ 53.2490, -65.8880,
15.6800

■ 232.7400,
-22.6950, -1.6950

■ 37.8440, -51.4460,
18.2660

■ 250.5150, -8.9400,
-3.1800

■ 24.4280, -38.4710,
19.9050

■ 12.7730, -26.3210,
19.9750

■ 8.2760, -17.7920,

14.0800

■ 4.5940, -10.1800,
8.2840

■ 0.1140, -0.3210,
0.3110

■ 130.8140,
-59.9290, 23.3270

■ 130.8140,
-59.9290, 23.3270

■ 113.6590,
-69.5580, 27.1300

■ 147.9690,
-50.3000, 19.5240

■ 97.3900, -78.8660,
30.6220

■ 164.2380,
-40.9920, 16.0320

■ 80.2350, -88.4950,
34.4250

■ 181.3930,
-31.3630, 12.2290

■ 68.1080, -95.3270,
37.0970

■ 198.5480,
-21.7340, 8.4260

■ 214.8170,
-12.4260, 4.9340

■ 231.9720, -2.7970,
1.1310

■ 249.1270, 6.8320,
-2.6720

■ 252.9480, 5.7780,
-5.5980

Harmonies

Analogous

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



114.5950, -117.3730, -3.9090



130.8140, -59.9290, 23.3270



140.1340, 7.2360, 45.0920

Triad

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



130.8140, -59.9290, 23.3270



132.5860, 80.5550, 10.3710



105.8730, -79.0350, -48.9470

Complementary

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



130.8140, -59.9290, 23.3270



194.1860, 59.9290, -23.3270

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.



118.6520, -18.3770, -46.9290



130.8140, -59.9290, 23.3270



130.3010, 67.0350, -19.9490

Square

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



130.8140, -59.9290, 23.3270



131.6780, 78.4410, 37.6810



126.3580, 35.3570, -40.5710



113.3170, -97.2400, -32.8880

Rectangle

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



130.8140, -59.9290, 23.3270



137.7760, 40.6590, 50.6030



126.3580, 35.3570, -40.5710



103.3480, -73.3030, -53.7110

Sweetspot

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



130.8140, -59.9290, 23.3270



220.6900, -19.2580, 7.6060



187.3190, -74.3590, -45.5830



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.



130.8140, -59.9290, 23.3270



118.6460, -76.7110, 30.1130



113.9560, -29.9490, 52.6990



109.0150, -4.3560, 1.8520



52.3320, -72.9510, 28.0490



15.5480, -21.7340, 8.4260

Inverse Universe

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



137.5670, 74.6800, 45.2720



127.4930, 95.8600, 57.9080



211.0440, 29.9490, -52.6990



109.6310, 5.5930, 3.2650



60.2750, 90.5420, 55.1660



17.9700, 27.0480, 16.4240

Previews

White Background



This preview shows how the YIQ color 130.8140, -59.9290, 23.3270 looks on a white background.

Color Contrast Check

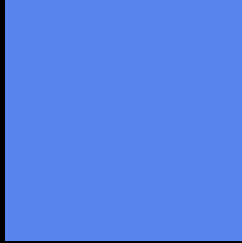
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.8140, -59.9290, 23.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

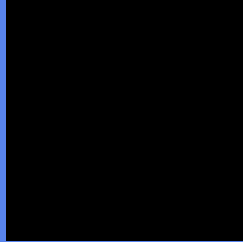
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.8140, -59.9290, 23.3270

Background



This preview shows how black text looks on a background with the YIQ color 130.8140, -59.9290, 23.3270.



This preview shows how white text looks on a background with the YIQ color 130.8140, -59.9290,

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

130.8140, -59.9290, 23.3270

Protanopia

130.8140, -59.9290, 23.3270

Deuteranopia

123.4690, -81.2470, 13.1930



Tritanopia

120.1690, -64.0480, -17.6800

Trichromacy



Original Color

130.8140, -59.9290, 23.3270

Protanomaly

130.8140, -59.9290, 23.3270

Deuteranomaly

125.8830, -73.5450, 16.7830

Tritanomaly

124.3240, -62.4460, -2.6540

Monochromacy



Original Color

130.8140, -59.9290, 23.3270

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.6620, -22.0550, 8.7370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.8140, -59.9290, 23.3270 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(88, 132, 237)` looks like.

```
.text, #text, p{  
    color:rgb(88, 132, 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(88, 132, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 132, 237) }
```

Border

The CSS property to change the border of an element to YIQ 130.8140, -59.9290, 23.3270 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(88, 132, 237) }
```


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

```
.border{ border-color:rgb(88, 132, 237) }
```

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

Here you see how a box with a 4 pixel rgb(88, 132, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 132, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 132, 237);  
box-shadow:4px 4px 4px 4px rgb(88, 132,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 130.8140, -59.9290, 23.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 132, 237) }
```

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

```
.background{ background-color: rgb(88, 132,  
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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