

Converting Colors

YIQ(139.2460, -61.8060, 7.7780)

Have a look what the booklet for
YIQ(139.2460, -61.8060, 7.7780)
contains.

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Color

**YIQ(139.2460, -61.8060,
7.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	5597DD
RGB	85, 151, 221
RGB Percent	33%, 59%, 87%
CMY	0.6668, 0.4077, 0.1336
CMYK	0.62, 0.32, 0.00, 0.13
HSL	211°, 67%, 60%
HSV	211°, 62%, 87%
XYZ	27.8558, 29.2885, 72.5384
YIQ	139.2460, -61.8060, 7.7780

Conversions

Conversions Part 2

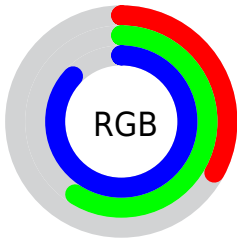
Format	Color
RYB	85, 129, 221
Decimal	5609437
CIELab	61.04, 0.07, -41.86
CIELCh	61, 41.856, 270.097
Yxy	29.2885, 0.2148, 0.2258
Android (android.graphics.Color)	4283799517 (0xFF5597DD)
YUV	139.2460, 40.3047, -47.5737
Hunter-Lab	54.1189, -2.8316, -41.5863

Details

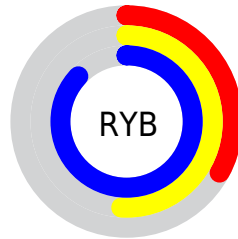
The YIQ color **139.2460, -61.8060, 7.7780** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **166.7540, 61.8060, -7.7780**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.7600, -51.8100, 2.8300**, and **78.2110, -81.0610, -1.1970** is the 20% darker color. If you saturate the color by 10%, you get **126.2110, -71.8930, 8.8670**, and if you desaturate by 10%, it is **152.2810, -51.7190, 6.6890**.

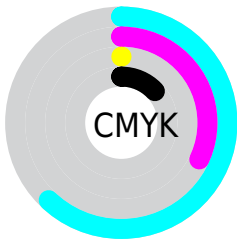
Distribution



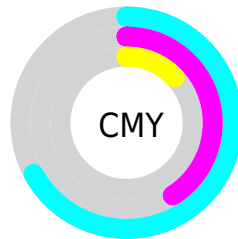
- Red (33%)
- Green (59%)
- Blue (87%)



- Red (33%)
- Yellow (51%)
- Blue (87%)



- Cyan (62%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (41%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.2460, -61.8060, 7.7780 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 139.2460, -61.8060, 7.7780 by changing the saturation by 10% instead.

■ 139.2460,
-61.8060, 7.7780

■ 139.2460,
-61.8060, 7.7780

■ 255.0000, -0.0000,
-0.0000

■ 110.6260,
-65.9320, 5.4600

■ 192.7600,
-51.8100, 2.8300

■ 78.0970, -80.7400,
-1.5080

■ 217.8670,
-42.2260, -5.6660

■ 61.0450, -65.7940,
2.9580

■ 239.7510,
-30.3960, -10.8120

■ 45.1670, -51.3980,
6.3780

■ 248.7210,
-12.5160, -4.4520

■ 29.9900, -37.5980,
9.5860

■ 13.1660, -23.2940,
14.6740

■ 6.4350, -13.9860,

11.1820

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 139.2460,
-61.8060, 7.7780

■ 139.2460,
-61.8060, 7.7780

■ 126.2110,
-71.8930, 8.8670

■ 152.2810,
-51.7190, 6.6890

■ 112.5890,
-81.7050, 10.4790

■ 165.9030,
-41.9070, 5.0770

■ 99.5540, -91.7920,
11.5680

■ 178.9380,
-31.8200, 3.9880

■ 88.0030,
-100.3660, 12.7700

■ 191.9730,
-21.7330, 2.8990

■ 205.5950,
-11.9210, 1.2870

■ 218.9290, -1.2380,
0.4100

■ 232.5510, 8.5740,
-1.2020

■ 243.4930, 14.4890,
-3.7750

■ 249.9500, 11.4640,
-9.5280

Harmonies

Analogous

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



118.5610, -112.0060, -18.5820



139.2460, -61.8060, 7.7780



149.9100, -16.2810, 25.2470

Triad

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



139.2460, -61.8060, 7.7780



147.7920, 59.7840, 17.8640



133.8210, -28.5580, -33.1180

Complementary

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



139.2460, -61.8060, 7.7780



166.7540, 61.8060, -7.7780

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.



140.2740, 9.7710, -28.4130



139.2460, -61.8060, 7.7780



146.5610, 55.3400, -0.7240

Square

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



139.2460, -61.8060, 7.7780



149.9500, 48.1360, 30.7280



144.1530, 38.3330, -17.4030



114.0860, -92.5160, -41.4120

Rectangle

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



139.2460, -61.8060, 7.7780



151.4850, 10.0810, 32.0730



144.1530, 38.3330, -17.4030



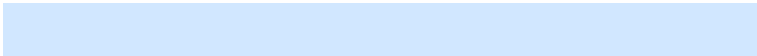
136.1770, -14.9410, -32.1010

Sweetspot

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



139.2460, -61.8060, 7.7780



227.1580, -20.8160, 2.8000



172.5840, -59.2280, -49.9800



110.5240, -13.1590, 1.6970



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.



139.2460, -61.8060, 7.7780



141.5500, -85.9690, 10.6630



100.5040, -43.6560, 42.2960



103.1890, -4.9060, 0.8060



69.0300, -78.6330, 9.8710



18.1580, -20.8160, 2.8000

Inverse Universe

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



133.1880, 59.8700, 49.3580



132.9990, 83.1120, 68.6800



205.4960, 43.6560, -42.2960



102.8590, 4.9510, 3.8870



61.3030, 76.1440, 62.8000



16.2620, 20.3540, 16.5940

Previews

White Background



This preview shows how the YIQ color 139.2460, -61.8060, 7.7780 looks on a white background.

Color Contrast Check

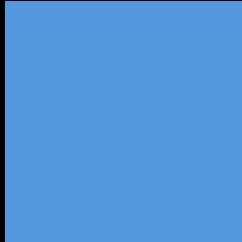
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.2460, -61.8060, 7.7780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

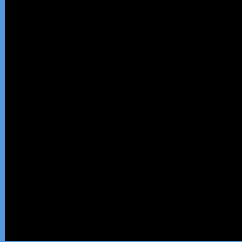
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.2460, -61.8060, 7.7780

Background



This preview shows how black text looks on a background with the YIQ color 139.2460, -61.8060, 7.7780.

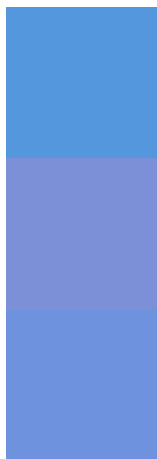


This preview shows how white text looks on a background with the YIQ color 139.2460, -61.8060, 7.7780.

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

139.2460, -61.8060, 7.7780

Protanopia

145.8150, -35.3070, 17.6290

Deuteranopia

143.9000, -45.8520, 16.0040



Tritanopia

132.1800, -62.5810, -16.7330

Trichromacy



Original Color

139.2460, -61.8060, 7.7780

Protanomaly

143.6180, -45.1180, 13.7140

Deuteranomaly

142.3830, -51.7660, 13.0500

Tritanomaly

134.7490, -62.4450, -8.1810

Monochromacy



Original Color

139.2460, -61.8060, 7.7780

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.7880, -22.6500, 2.9980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.2460, -61.8060, 7.7780 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(85, 151, 221)` looks like.

```
.text, #text, p{  
    color:rgb(85, 151, 221)  
}
```

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(85, 151, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 151, 221) }
```

Border

The CSS property to change the border of an element to YIQ 139.2460, -61.8060, 7.7780 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(85, 151, 221) }
```


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

```
.border{ border-color:rgb(85, 151, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 151, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 151, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 151, 221);  
box-shadow:4px 4px 4px 4px rgb(85, 151,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 139.2460, -61.8060, 7.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 151, 221) }
```

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

```
.background{ background-color: rgb(85, 151,  
221) }
```

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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