

Converting Colors

YIQ(143.2460, -61.8060, 7.7780)

Have a look what the booklet for
YIQ(143.2460, -61.8060, 7.7780)
contains.

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Color

**YIQ(143.2460, -61.8060,
7.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	599BE1
RGB	89, 155, 225
RGB Percent	35%, 61%, 88%
CMY	0.6511, 0.3920, 0.1179
CMYK	0.60, 0.31, 0.00, 0.12
HSL	211°, 69%, 62%
HSV	211°, 60%, 88%
XYZ	29.4232, 31.0065, 75.6136
YIQ	143.2460, -61.8060, 7.7780

Conversions

Conversions Part 2

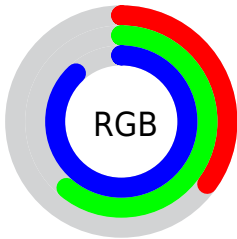
Format	Color
R _Y B	89, 133, 225
Decimal	5872609
CIE Lab	62.51, -0.18, -41.74
CIE LCh	63, 41.743, 269.750
Yxy	31.0065, 0.2163, 0.2279
Android (android.graphics.Color)	4284062689 (0xFF599BE1)
YUV	143.2460, 40.3047, -47.5737
Hunter-Lab	55.6835, -3.1264, -41.5326

Details

The YIQ color **143.2460, -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 **170.7540, 61.8060, -7.7780**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3040, -50.5260, 1.5860**, and **80.6130, -82.2530, -1.6210** is the 20% darker color. If you saturate the color by 10%, you get **129.3250, -72.2140, 9.1780**, and if you desaturate by 10%, it is **156.8680, -51.9940, 6.1660**.

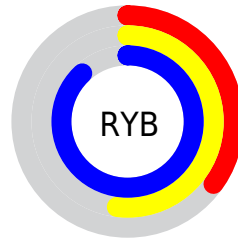
Distribution



Red (35%)

Green (61%)

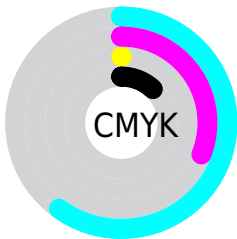
Blue (88%)



Red (35%)

Yellow (52%)

Blue (88%)

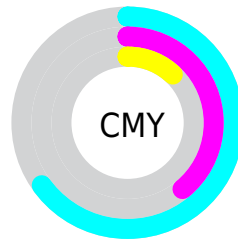


Cyan (60%)

Magenta (31%)

Yellow (0%)

Black (12%)



Cyan (65%)

Magenta (39%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.2460, -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 143.2460, -61.8060, 7.7780 by changing the saturation by 10% instead.

■ 143.2460,
-61.8060, 7.7780

■ 143.2460,
-61.8060, 7.7780

■ 255.0000, -0.0000,
-0.0000

■ 114.9250,
-65.3360, 5.6720

■ 196.3040,
-50.5260, 1.5860

■ 80.6130, -82.2530,
-1.6210

■ 221.4110,
-40.9420, -6.9100

■ 63.1480, -67.5820,
2.3220

■ 240.9470,
-28.0120, -9.9640

■ 47.3840, -53.5070,
6.0530

■ 249.9170,
-10.1320, -3.6040

■ 32.2070, -39.7070,
9.2610

■ 16.5570, -25.9530,
13.3030

■ 6.8910, -15.2700,

12.4260

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 143.2460,
-61.8060, 7.7780

■ 143.2460,
-61.8060, 7.7780

■ 129.3250,
-72.2140, 9.1780

■ 156.8680,
-51.9940, 6.1660

■ 116.2900,
-82.3010, 10.2670

■ 170.2020,
-41.3110, 5.2890

■ 102.6680,
-92.1130, 11.8790

■ 183.8240,
-31.4990, 3.6770

■ 89.6330,
-102.2000, 12.9680

■ 197.1580,
-20.8160, 2.8000

■ 210.7800,
-11.0040, 1.1880

■ 224.1140, -0.3210,
0.3110

■ 237.7360, 9.4910,
-1.3010

■ 247.4710, 11.5550,
-5.6690

■ 251.5800, 9.6300,
-9.3300

Harmonies

Analogous

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



121.2510, -114.0690, -19.7410



143.2460, -61.8060, 7.7780



154.0240, -16.6020, 25.5580

Triad

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



143.2460, -61.8060, 7.7780



151.7920, 59.7840, 17.8640



137.7070, -28.2370, -33.4290

Complementary

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



143.2460, -61.8060, 7.7780



170.7540, 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.



144.2740, 9.7710, -28.4130



143.2460, -61.8060, 7.7780



150.8600, 55.9360, -0.5120

Square

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



143.2460, -61.8060, 7.7780



153.9500, 48.1360, 30.7280



148.0390, 38.6540, -17.7140



116.8900, -94.9000, -42.2600

Rectangle

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



143.2460, -61.8060, 7.7780



155.4850, 10.0810, 32.0730



148.0390, 38.6540, -17.7140



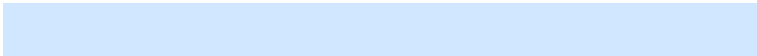
140.4760, -14.3450, -31.8890

Sweetspot

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



143.2460, -61.8060, 7.7780



227.1580, -20.8160, 2.8000



176.5840, -59.2280, -49.9800



110.5240, -13.1590, 1.6970



0.0000, 0.0000, 0.0000



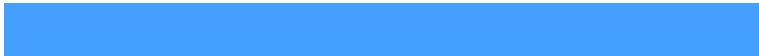
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



143.2460, -61.8060, 7.7780



143.0340, -84.4560, 10.7760



104.5040, -43.6560, 42.2960



105.1890, -4.9060, 0.8060



69.9590, -79.8710, 10.2810



19.5600, -22.0080, 2.3760

Inverse Universe

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



137.1880, 59.8700, 49.3580



134.8740, 81.9660, 67.4220



209.4960, 43.6560, -42.2960



104.8590, 4.9510, 3.8870



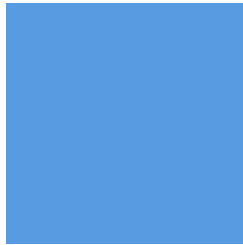
62.3140, 77.6110, 63.7470



17.0880, 20.9040, 17.6400

Previews

White Background



This preview shows how the YIQ color 143.2460, -61.8060, 7.7780 looks on a white background.

Color Contrast Check

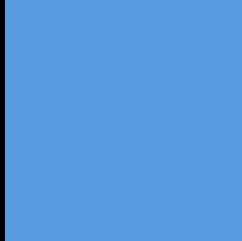
Large Text (above 18pt) WCAG AA × Fail

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 143.2460, -61.8060, 7.7780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

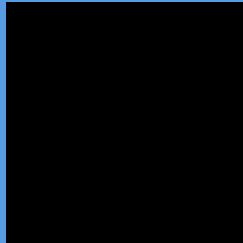
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 143.2460, -61.8060, 7.7780

Background



This preview shows how black text looks on a background with the YIQ color 143.2460, -61.8060, 7.7780.

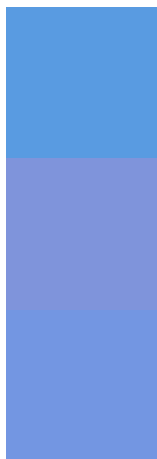


This preview shows how white text looks on a background with the YIQ color 143.2460, -61.8060, 7.7780.

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

143.2460, -61.8060, 7.7780

Protanopia

149.8150, -35.3070, 17.6290

Deuteranopia

148.1990, -45.2560, 16.2160



Tritanopia

136.5930, -62.3060, -16.2100

Trichromacy



Original Color

143.2460, -61.8060, 7.7780

Protanomaly

147.6180, -45.1180, 13.7140

Deuteranomaly

146.6820, -51.1700, 13.2620

Tritanomaly

139.1620, -62.1700, -7.6580

Monochromacy



Original Color

143.2460, -61.8060, 7.7780

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.7880, -22.6500, 2.9980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.2460, -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(89, 155, 225)` looks like.

```
.text, #text, p{  
    color:rgb(89, 155, 225)  
}
```

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, 155, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 155, 225) }
```

Border

The CSS property to change the border of an element to YIQ 143.2460, -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(89, 155, 225) }
```


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

```
.border{ border-color:rgb(89, 155, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 155, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 155, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 155, 225);  
box-shadow:4px 4px 4px 4px rgb(89, 155,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 143.2460, -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(89, 155, 225) }
```

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

```
.background{ background-color: rgb(89, 155,  
225) }
```

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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