

Converting Colors

YIQ(141.8440, -60.6140, 8.2020)

Have a look what the booklet for
YIQ(141.8440, -60.6140, 8.2020)
contains.

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Color

**YIQ(141.8440, -60.6140,
8.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	5999DF
RGB	89, 153, 223
RGB Percent	35%, 60%, 87%
CMY	0.6511, 0.3999, 0.1258
CMYK	0.60, 0.31, 0.00, 0.13
HSL	211°, 68%, 61%
HSV	211°, 60%, 87%
XYZ	28.8220, 30.2375, 74.0762
YIQ	141.8440, -60.6140, 8.2020

Conversions

Conversions Part 2

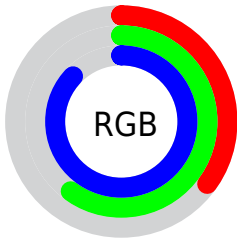
Format	Color
R _Y B	89, 132, 223
Decimal	5872095
CIE Lab	61.86, 0.32, -41.66
CIE LCh	62, 41.664, 270.439
Yxy	30.2375, 0.2165, 0.2271
Android (android.graphics.Color)	4284062175 (0xFF5999DF)
YUV	141.8440, 40.0099, -46.3442
Hunter-Lab	54.9886, -2.6703, -41.3787

Details

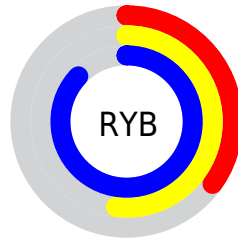
The YIQ color **141.8440, -60.6140, 8.2020** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **170.1560, 60.6140, -8.2020**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.1300, -49.9760, 2.6320**, and **79.8090, -79.8690, -0.7730** is the 20% darker color. If you saturate the color by 10%, you get **128.2220, -70.4260, 9.8140**, and if you desaturate by 10%, it is **155.4660, -50.8020, 6.5900**.

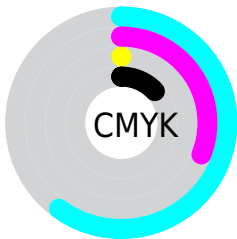
Distribution



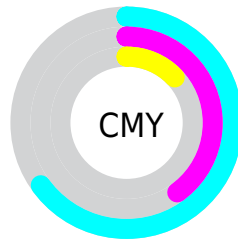
- Red (35%)
- Green (60%)
- Blue (87%)



- Red (35%)
- Yellow (52%)
- Blue (87%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)
- Black (13%)



- Cyan (65%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.8440, -60.6140, 8.2020 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 141.8440, -60.6140, 8.2020 by changing the saturation by 10% instead.

■ 141.8440,
-60.6140, 8.2020

■ 141.8440,
-60.6140, 8.2020

■ 255.0000, -0.0000,
-0.0000

■ 113.5230,
-64.1440, 6.0960

■ 195.1300,
-49.9760, 2.6320

■ 79.8090, -79.8690,
-0.7730

■ 220.2370,
-40.3920, -5.8640

■ 62.4470, -66.9860,
2.5340

■ 240.9470,
-28.0120, -9.9640

■ 45.9820, -52.3150,
6.4770

■ 249.9170,
-10.1320, -3.6040

■ 30.8050, -38.5150,
9.6850

■ 15.1550, -24.7610,
13.7270

■ 6.6630, -14.6280,

11.8040

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 141.8440,
-60.6140, 8.2020

■ 141.8440,
-60.6140, 8.2020

■ 128.2220,
-70.4260, 9.8140

■ 155.4660,
-50.8020, 6.5900

■ 114.8880,
-81.1090, 10.6910

■ 168.8000,
-40.1190, 5.7130

■ 101.2660,
-90.9210, 12.3030

■ 182.4220,
-30.3070, 4.1010

■ 88.2310,
-101.0080, 13.3920

■ 196.0440,
-20.4950, 2.4890

■ 209.0790,
-10.4080, 1.4000

■ 223.0000, -0.0000,
-0.0000

■ 236.0350, 10.0870,
-1.0890

■ 246.0690, 12.7470,
-5.2450

■ 251.3520, 10.2720,
-9.9520

Harmonies

Analogous

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



119.9630, -113.1980, -19.0060



141.8440, -60.6140, 8.2020



152.2090, -15.6850, 25.4590

Triad

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



141.8440, -60.6140, 8.2020



150.3790, 59.5090, 17.3410



135.9350, -28.8790, -32.8070

Complementary

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



141.8440, -60.6140, 8.2020



170.1560, 60.6140, -8.2020

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.



142.3880, 9.4500, -28.1020



141.8440, -60.6140, 8.2020



148.5610, 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.



141.8440, -60.6140, 8.2020



151.8360, 48.4570, 30.4170



146.7400, 38.0580, -17.9260



115.6020, -94.0290, -41.5250

Rectangle

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



141.8440, -60.6140, 8.2020



153.7840, 10.6770, 32.2850



146.7400, 38.0580, -17.9260



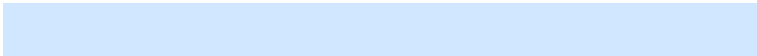
138.2910, -15.2620, -31.7900

Sweetspot

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



141.8440, -60.6140, 8.2020



227.1580, -20.8160, 2.8000



175.5240, -58.9990, -48.6230



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.



141.8440, -60.6140, 8.2020



143.6320, -83.2640, 11.2000



104.8740, -41.8220, 42.0980



105.1890, -4.9060, 0.8060



69.3720, -79.5960, 10.8040



18.9730, -21.7330, 2.8990

Inverse Universe

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



136.3620, 59.3200, 48.3120



136.0480, 81.4160, 66.3760



207.1260, 41.8220, -42.0980



104.8590, 4.9510, 3.8870



62.2000, 77.9320, 63.4360



16.9740, 21.2250, 17.3290

Previews

White Background



This preview shows how the YIQ color 141.8440, -60.6140, 8.2020 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 141.8440, -60.6140, 8.2020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

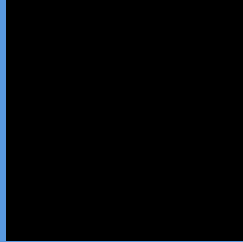
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 141.8440, -60.6140, 8.2020

Background



This preview shows how black text looks on a background with the YIQ color 141.8440, -60.6140, 8.2020.

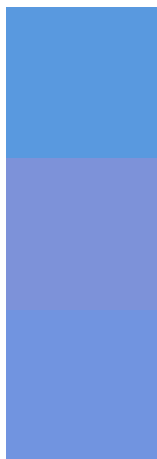


This preview shows how white text looks on a background with the YIQ color 141.8440, -60.6140,

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

141.8440, -60.6140, 8.2020

Protanopia

147.8150, -35.3070, 17.6290

Deuteranopia

146.1990, -45.2560, 16.2160



Tritanopia

135.3760, -60.1970, -15.8850

Trichromacy



Original Color

141.8440, -60.6140, 8.2020

Protanomaly

145.9170, -44.5220, 13.9260

Deuteranomaly

144.6820, -51.1700, 13.2620

Tritanomaly

137.9450, -60.0610, -7.3330

Monochromacy



Original Color

141.8440, -60.6140, 8.2020

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

141.9730, -21.7330, 2.8990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.8440, -60.6140, 8.2020 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, 153, 223)` looks like.

```
.text, #text, p{  
    color:rgb(89, 153, 223)  
}
```

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, 153, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 153, 223) }
```

Border

The CSS property to change the border of an element to YIQ 141.8440, -60.6140, 8.2020 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, 153, 223) }
```


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

```
.border{ border-color:rgb(89, 153, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 153, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 153, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 153, 223);  
box-shadow:4px 4px 4px 4px rgb(89, 153,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 141.8440, -60.6140, 8.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 153, 223) }
```

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

```
.background{ background-color: rgb(89, 153,  
223) }
```

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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