

Converting Colors

YIQ(139.1820, -55.7540, 8.2300)

Have a look what the booklet for
YIQ(139.1820, -55.7540, 8.2300)
contains.

YIQ(139.1820, -55.7540, 8.2300)	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(139.1820, -55.7540,
8.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	5B95D7
RGB	91, 149, 215
RGB Percent	36%, 58%, 84%
CMY	0.6432, 0.4156, 0.1571
CMYK	0.58, 0.31, 0.00, 0.16
HSL	212°, 61%, 60%
HSV	212°, 58%, 84%
XYZ	27.3201, 28.6283, 68.3291
YIQ	139.1820, -55.7540, 8.2300

Conversions

Conversions Part 2

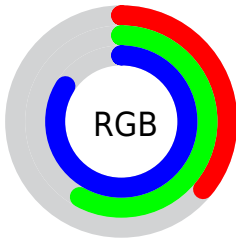
Format	Color
R _Y B	91, 131, 215
Decimal	6002135
CIE Lab	60.45, 0.44, -39.42
CIE LCh	60, 39.418, 270.643
Yxy	28.6283, 0.2198, 0.2304
Android (android.graphics.Color)	4284192215 (0xFF5B95D7)
YUV	139.1820, 37.3783, -42.2556
Hunter-Lab	53.5054, -2.4916, -38.2625

Details

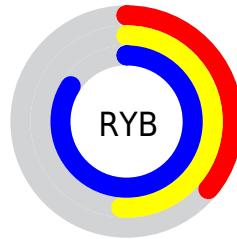
The YIQ color **139.1820, -55.7540, 8.2300** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **166.8180, 55.7540, -8.2300**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.7820, -48.8760, 4.7240**, and **81.7350, -67.8570, 1.7990** is the 20% darker color. If you saturate the color by 10%, you get **126.1470, -65.8410, 9.3190**, and if you desaturate by 10%, it is **151.9180, -46.2630, 6.9290**.

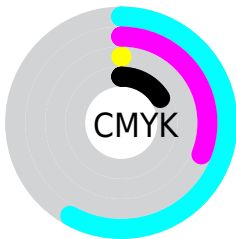
Distribution



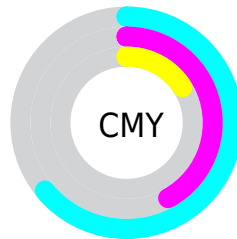
- Red (36%)
- Green (58%)
- Blue (84%)



- Red (36%)
- Yellow (51%)
- Blue (84%)



- Cyan (58%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.1820, -55.7540, 8.2300 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 139.1820, -55.7540, 8.2300 by changing the saturation by 10% instead.

■ 139.1820,
-55.7540, 8.2300

■ 139.1820,
-55.7540, 8.2300

■ 255.0000, -0.0000,
-0.0000

■ 111.4590,
-58.0920, 6.5480

■ 192.7820,
-48.8760, 4.7240

■ 81.7350, -67.8570,
1.7990

■ 217.8890,
-39.2920, -3.7720

■ 59.1870, -63.3180,
2.1380

■ 240.9470,
-28.0120, -9.9640

■ 43.4230, -49.2430,
5.8690

■ 249.6180,
-10.7280, -3.8160

■ 28.2460, -35.4430,
9.0770

■ 10.9490, -21.1850,
14.9990

■ 5.3920, -12.4270,

10.4610

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 139.1820,
-55.7540, 8.2300

■ 139.1820,
-55.7540, 8.2300

■ 126.1470,
-65.8410, 9.3190

■ 151.9180,
-46.2630, 6.9290

■ 112.8240,
-75.0570, 11.1430

■ 165.5400,
-36.4510, 5.3170

■ 100.0880,
-84.5480, 12.4440

■ 178.2760,
-26.9600, 4.0160

■ 86.4660, -94.3600,
14.0560

■ 191.8980,
-17.1480, 2.4040

■ 83.7970, -96.7900,
14.0420

■ 204.6340, -7.6570,
1.1030

■ 218.2560, 2.1550,
-0.5090

■ 230.9920, 11.6460,
-1.8100

■ 241.6350, 16.9650,
-4.5950

■ 248.6790, 13.6650,
-10.8710

Harmonies

Analogous

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



116.2300, -109.5760, -18.5680



139.1820, -55.7540, 8.2300



148.1660, -14.1260, 24.7380

Triad

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



139.1820, -55.7540, 8.2300



146.8840, 56.5290, 16.2810



133.3590, -27.1370, -31.3370

Complementary

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



139.1820, -55.7540, 8.2300



166.8180, 55.7540, -8.2300

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.



139.1430, 8.7620, -26.6460



139.1820, -55.7540, 8.2300



145.5930, 52.3140, -0.9500

Square

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



139.1820, -55.7540, 8.2300



148.7000, 45.8440, 28.2120



143.0110, 35.8570, -16.5830



117.2830, -82.7050, -37.4970

Rectangle

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



139.1820, -55.7540, 8.2300



150.3170, 10.4940, 30.0940



143.0110, 35.8570, -16.5830



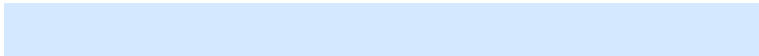
135.5300, -14.4370, -30.2210

Sweetspot

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



139.1820, -55.7540, 8.2300



228.6420, -19.3030, 2.9130



171.0840, -54.6440, -44.9480



112.0080, -11.6460, 1.8100



0.0000, 0.0000, 0.0000



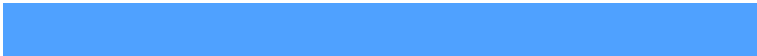
128.0000, -0.0000, -0.0000

Same Dimension

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



139.1820, -55.7540, 8.2300



147.1980, -79.0460, 11.8500



105.7340, -38.6120, 38.9880



100.1890, -4.9060, 0.8060



66.4540, -76.8910, 11.3410



16.6420, -19.3030, 2.9130

Inverse Universe

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



134.6880, 55.2860, 44.3260



140.9720, 78.5740, 62.8140



200.2660, 38.6120, -38.9880



99.8590, 4.9510, 3.8870



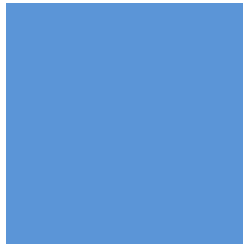
60.2490, 76.2360, 61.1320



15.1370, 19.2080, 15.3360

Previews

White Background



This preview shows how the YIQ color 139.1820, -55.7540, 8.2300 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 139.1820, -55.7540, 8.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

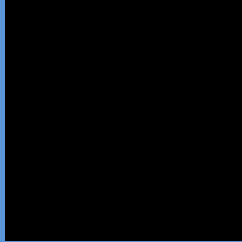
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.1820, -55.7540, 8.2300

Background



This preview shows how black text looks on a background with the YIQ color 139.1820, -55.7540, 8.2300.

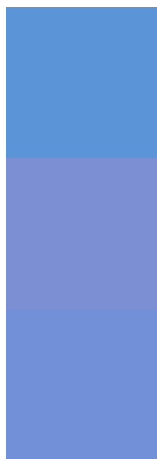


This preview shows how white text looks on a background with the YIQ color 139.1820, -55.7540,

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

139.1820, -55.7540, 8.2300

Protanopia

144.6580, -33.4270, 16.5970

Deuteranopia

142.9390, -41.5880, 15.8200



Tritanopia

133.9530, -54.5120, -14.2880

Trichromacy



Original Color

139.1820, -55.7540, 8.2300

Protanomaly

142.4720, -41.7710, 13.6290

Deuteranomaly

141.7210, -46.9060, 13.0780

Tritanomaly

136.1090, -54.6510, -6.2590

Monochromacy



Original Color

139.1820, -55.7540, 8.2300

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.4570, -20.2200, 3.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.1820, -55.7540, 8.2300 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(91, 149, 215)` looks like.

```
.text, #text, p{  
    color:rgb(91, 149, 215)  
}
```

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(91, 149, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 149, 215) }
```

Border

The CSS property to change the border of an element to YIQ 139.1820, -55.7540, 8.2300 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(91, 149, 215) }
```


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

```
.border{ border-color:rgb(91, 149, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 149, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 149, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 149, 215);  
box-shadow:4px 4px 4px 4px rgb(91, 149,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 139.1820, -55.7540, 8.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 149, 215) }
```

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

```
.background{ background-color: rgb(91, 149,  
215) }
```

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