

Converting Colors

YIQ(139.5520, -53.9200, 8.0320)

Have a look what the booklet for
YIQ(139.5520, -53.9200, 8.0320)
contains.

YIQ(139.5520, -53.9200, 8.0320)	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(139.5520, -53.9200,
8.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	5D95D5
RGB	93, 149, 213
RGB Percent	36%, 58%, 84%
CMY	0.6354, 0.4156, 0.1650
CMYK	0.56, 0.30, 0.00, 0.16
HSL	212°, 59%, 60%
HSV	212°, 56%, 84%
XYZ	27.2647, 28.6290, 66.9950
YIQ	139.5520, -53.9200, 8.0320

Conversions

Conversions Part 2

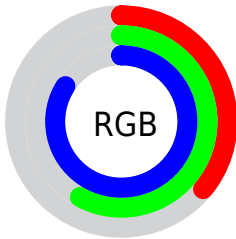
Format	Color
R _Y B	93, 131, 213
Decimal	6133205
CIE Lab	60.45, 0.22, -38.29
CIE LCh	60, 38.293, 270.324
Yxy	28.6290, 0.2219, 0.2330
Android (android.graphics.Color)	4284323285 (0xFF5D95D5)
YUV	139.5520, 36.2099, -40.8261
Hunter-Lab	53.5061, -2.6787, -36.7828

Details

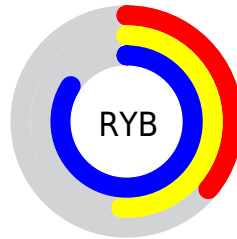
The YIQ color **139.5520, -53.9200, 8.0320** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **166.4480, 53.9200, -8.0320**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3800, -47.6840, 5.1480**, and **83.6000, -63.0430, 2.6610** is the 20% darker color. If you saturate the color by 10%, you get **126.8160, -63.4110, 9.3330**, and if you desaturate by 10%, it is **152.2880, -44.4290, 6.7310**.

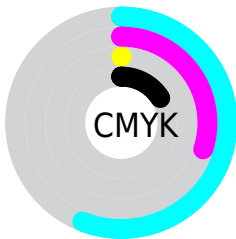
Distribution



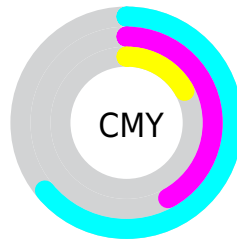
- Red (36%)
- Green (58%)
- Blue (84%)



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



- Cyan (56%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.5520, -53.9200, 8.0320 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 139.5520, -53.9200, 8.0320 by changing the saturation by 10% instead.

■ 139.5520,
-53.9200, 8.0320

■ 139.5520,
-53.9200, 8.0320

■ 255.0000, -0.0000,
-0.0000

■ 112.1280,
-55.6620, 6.5620

■ 193.3800,
-47.6840, 5.1480

■ 83.6000, -63.0430,
2.6610

■ 218.4870,
-38.1000, -3.3480

■ 59.0730, -62.9970,
1.8270

■ 241.2460,
-27.4160, -9.7520

■ 43.1950, -48.6010,
5.2470

■ 250.2160, -9.5360,
-3.3920

■ 28.0180, -34.8010,
8.4550

■ 10.7210, -20.5430,
14.3770

■ 5.2780, -12.1060,

10.1500

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 139.5520,
-53.9200, 8.0320

■ 139.5520,
-53.9200, 8.0320

■ 126.8160,
-63.4110, 9.3330

■ 152.2880,
-44.4290, 6.7310

■ 113.1940,
-73.2230, 10.9450

■ 165.9100,
-34.6170, 5.1190

■ 100.4580,
-82.7140, 12.2460

■ 178.6460,
-25.1260, 3.8180

■ 87.7220, -92.2050,
13.5470

■ 191.3820,
-15.6350, 2.5170

■ 82.3950, -95.5980,
14.4660

■ 204.7050, -6.4190,
0.6930

■ 217.7400, 3.6680,
-0.3960

■ 230.4760, 13.1590,
-1.6970

■ 241.4070, 17.6070,
-5.2170

■ 247.8640, 14.5820,
-10.9700

Harmonies

Analogous

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



116.0020, -108.9340, -19.1900



139.5520, -53.9200, 8.0320



148.2260, -14.3550, 23.3810

Triad

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



139.5520, -53.9200, 8.0320



146.9870, 54.7410, 15.6450



133.4840, -25.9910, -30.0790

Complementary

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



139.5520, -53.9200, 8.0320



166.4480, 53.9200, -8.0320

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.



139.6700, 8.7160, -25.8120



139.5520, -53.9200, 8.0320



145.5220, 51.0760, -0.5400

Square

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



139.5520, -53.9200, 8.0320



148.8030, 44.0560, 27.5760



143.2390, 35.2150, -15.9610



120.8820, -74.0860, -34.0060

Rectangle

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



139.5520, -53.9200, 8.0320



149.6050, 9.6230, 29.3590



143.2390, 35.2150, -15.9610



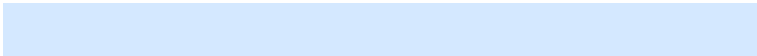
136.2420, -13.5660, -29.4860

Sweetspot

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



139.5520, -53.9200, 8.0320



228.6420, -19.3030, 2.9130



170.5080, -52.9020, -43.4780



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.



139.5520, -53.9200, 8.0320



149.2690, -77.8080, 11.4400



107.2780, -37.3280, 37.7440



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.



135.2640, 53.5440, 42.8560



142.9610, 77.1070, 61.8670



198.7220, 37.3280, -37.7440



99.8590, 4.9510, 3.8870



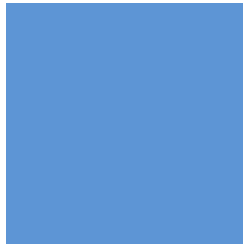
60.2490, 76.2360, 61.1320



15.1370, 19.2080, 15.3360

Previews

White Background



This preview shows how the YIQ color 139.5520, -53.9200, 8.0320 looks on a white background.

Color Contrast Check

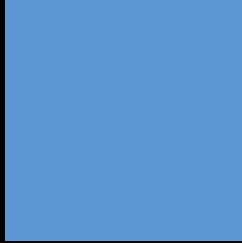
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.5520, -53.9200, 8.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

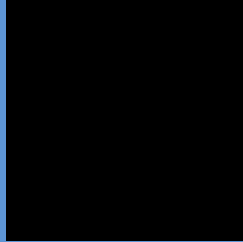
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.5520, -53.9200, 8.0320

Background



This preview shows how black text looks on a background with the YIQ color 139.5520, -53.9200, 8.0320.

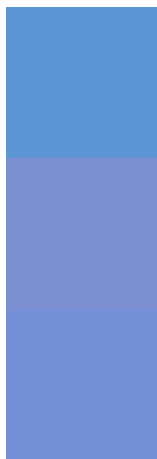


This preview shows how white text looks on a background with the YIQ color 139.5520, -53.9200,

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

139.5520, -53.9200, 8.0320

Protanopia

144.7290, -32.1890, 16.1870

Deuteranopia

143.3090, -39.7540, 15.6220



Tritanopia

134.2630, -52.4490, -13.1290

Trichromacy



Original Color

139.5520, -53.9200, 8.0320

Protanomaly

142.8420, -39.9370, 13.4310

Deuteranomaly

142.0910, -45.0720, 12.8800

Tritanomaly

136.1200, -53.1840, -5.3120

Monochromacy



Original Color

139.5520, -53.9200, 8.0320

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7560, -19.6240, 3.2240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.5520, -53.9200, 8.0320 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(93, 149, 213)` looks like.

```
.text, #text, p{  
    color:rgb(93, 149, 213)  
}
```

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(93, 149, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 149, 213) }
```

Border

The CSS property to change the border of an element to YIQ 139.5520, -53.9200, 8.0320 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(93, 149, 213) }
```


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

```
.border{ border-color:rgb(93, 149, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 149, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 149, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 149, 213);  
box-shadow:4px 4px 4px 4px rgb(93, 149,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 139.5520, -53.9200, 8.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 149, 213) }
```

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

```
.background{ background-color: rgb(93, 149,  
213) }
```

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