

Converting Colors

YIQ(139.9290, -71.1590, 6.5770)

Have a look what the booklet for
YIQ(139.9290, -71.1590, 6.5770)
contains.

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Color

**YIQ(139.9290, -71.1590,
6.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	4C9BE6
RGB	76, 155, 230
RGB Percent	30%, 61%, 90%
CMY	0.7021, 0.3920, 0.0984
CMYK	0.67, 0.33, 0.00, 0.10
HSL	209°, 75%, 60%
HSV	209°, 67%, 90%
XYZ	28.9753, 30.6971, 79.1970
YIQ	139.9290, -71.1590, 6.5770

Conversions

Conversions Part 2

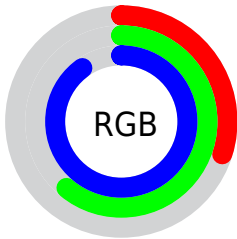
Format	Color
R_{YB}	76, 128, 230
Decimal	5020646
CIE _{Lab}	62.25, -0.78, -44.95
CIE _{LCh}	62, 44.956, 269.008
Yxy	30.6971, 0.2087, 0.2211
Android (android.graphics.Color)	4283210726 (0xFF4C9BE6)
YUV	139.9290, 44.4050, -56.0657
Hunter-Lab	55.4050, -3.6082, -45.9668

Details

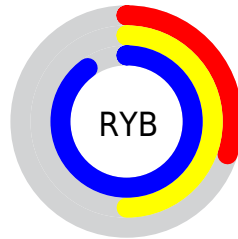
The YIQ color **139.9290, -71.1590, 6.5770** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **166.0710, 71.1590, -6.5770**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3140, -56.4860, -0.5340**, and **80.8840, -84.4540, -0.2780** is the 20% darker color. If you saturate the color by 10%, you get **126.5950, -81.8420, 7.4540**, and if you desaturate by 10%, it is **153.2630, -60.4760, 5.7000**.

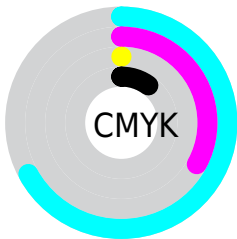
Distribution



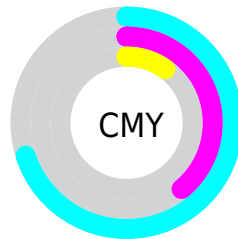
- Red (30%)
- Green (61%)
- Blue (90%)



- Red (30%)
- Yellow (50%)
- Blue (90%)



- Cyan (67%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)



- Cyan (70%)
- Magenta (39%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.9290, -71.1590, 6.5770 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 139.9290, -71.1590, 6.5770 by changing the saturation by 10% instead.

■ 139.9290,
-71.1590, 6.5770

■ 139.9290,
-71.1590, 6.5770

■ 255.0000, -0.0000,
-0.0000

■ 109.5150,
-78.8610, 2.9870

■ 193.3140,
-56.4860, -0.5340

■ 80.8840, -84.4540,
-0.2780

■ 218.7200,
-46.3060, -8.8180

■ 64.3050, -69.4620,
3.3540

■ 238.2560,
-33.3760, -11.8720

■ 47.8400, -54.7910,
7.2970

■ 247.5250,
-14.9000, -5.3000

■ 32.6630, -40.9910,
10.5050

■ 17.4860, -27.1910,
13.7130

■ 7.8200, -16.5080,

12.8360

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 139.9290,
-71.1590, 6.5770

■ 139.9290,
-71.1590, 6.5770

■ 126.5950,
-81.8420, 7.4540

■ 153.2630,
-60.4760, 5.7000

■ 113.2610,
-92.5250, 8.3310

■ 166.5970,
-49.7930, 4.8230

■ 99.3400,
-102.9330, 9.7310

■ 180.5180,
-39.3850, 3.4230

■ 95.4860,
-106.2800, 9.8160

■ 193.8520,
-28.7020, 2.5460

■ 207.1860,
-18.0190, 1.6690

■ 220.5200, -7.3360,
0.7920

■ 233.8540, 3.3470,
-0.0850

■ 246.2800, 10.7750,
-2.5450

■ 252.1500, 8.0250,
-7.7750

Harmonies

Analogous

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



121.7070, -115.3530, -18.4970



139.9290, -71.1590, 6.5770



152.9960, -19.3990, 26.6890

Triad

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



139.9290, -71.1590, 6.5770



150.9990, 63.6350, 19.6590



135.7560, -29.9330, -35.7330

Complementary

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



139.9290, -71.1590, 6.5770



166.0710, 71.1590, -6.5770

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.



143.1770, 11.4220, -30.8020



139.9290, -71.1590, 6.5770



149.4260, 60.1540, 0.1380

Square

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



139.9290, -71.1590, 6.5770



152.7980, 51.6200, 33.6680



146.9530, 41.7720, -19.1560



117.2490, -94.5330, -43.4050

Rectangle

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



139.9290, -71.1590, 6.5770



154.7670, 9.3470, 34.3630



146.9530, 41.7720, -19.1560



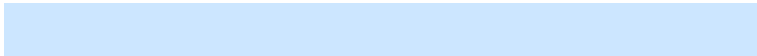
138.5960, -14.8030, -34.6030

Sweetspot

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



139.9290, -71.1590, 6.5770



225.0760, -23.5210, 2.2630



174.8340, -66.1040, -57.5280



109.9260, -14.3510, 1.2730



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.



139.9290, -71.1590, 6.5770



135.8910, -94.3590, 8.5290



95.3170, -50.2590, 46.3250



107.8900, -5.5020, 0.5940



74.4100, -82.7590, 7.5530



21.0760, -23.5210, 2.2630

Inverse Universe

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



131.0520, 66.4250, 57.2170



123.9660, 87.8790, 75.9030



210.6830, 50.2590, -46.3250



107.2720, 5.2260, 4.4100



64.0090, 77.1520, 66.5600



18.2130, 22.0500, 18.8980

Previews

White Background



This preview shows how the YIQ color 139.9290, -71.1590, 6.5770 looks on a white background.

Color Contrast Check

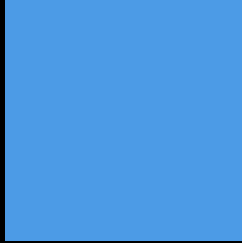
Large Text (above 18pt) WCAG AA × Fail

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 139.9290, -71.1590, 6.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

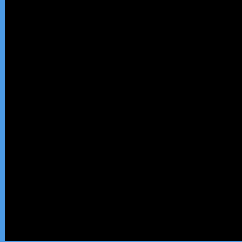
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 139.9290, -71.1590, 6.5770

Background



This preview shows how black text looks on a background with the YIQ color 139.9290, -71.1590, 6.5770.

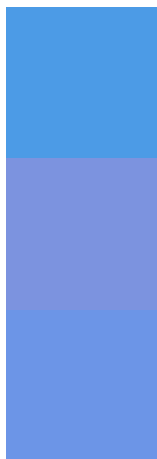


This preview shows how white text looks on a background with the YIQ color 139.9290, -71.1590,

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

139.9290, -71.1590, 6.5770

Protanopia

148.7870, -38.1040, 18.7600

Deuteranopia

146.0890, -50.7580, 16.8100



Tritanopia

130.1180, -77.2060, -21.5100

Trichromacy



Original Color

139.9290, -71.1590, 6.5770

Protanomaly

145.8070, -50.0240, 14.5200

Deuteranomaly

143.6750, -58.4600, 13.2200

Tritanomaly

133.5240, -75.0530, -10.9650

Monochromacy



Original Color

139.9290, -71.1590, 6.5770

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8200, -25.6760, 2.7720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.9290, -71.1590, 6.5770 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(76, 155, 230)` looks like.

```
.text, #text, p{  
    color:rgb(76, 155, 230)  
}
```

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(76, 155, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 155, 230) }
```

Border

The CSS property to change the border of an element to YIQ 139.9290, -71.1590, 6.5770 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(76, 155, 230) }
```


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

```
.border{ border-color:rgb(76, 155, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 155, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 155, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 155, 230);  
box-shadow:4px 4px 4px 4px rgb(76, 155,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 139.9290, -71.1590, 6.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 155, 230) }
```

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

```
.background{ background-color: rgb(76, 155,  
230) }
```

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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