

Converting Colors

YIQ(153.5390, -79.4090,
-9.1130)

Have a look what the booklet for
YIQ(153.5390, -79.4090, -9.1130)
contains.

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Color

**YIQ(153.5390, -79.4090,
-9.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	48B5E2
RGB	72, 181, 226
RGB Percent	28%, 71%, 89%
CMY	0.7178, 0.2900, 0.1141
CMYK	0.68, 0.20, 0.00, 0.11
HSL	197°, 73%, 58%
HSV	197°, 68%, 89%
XYZ	32.9165, 39.9280, 77.8593
YIQ	153.5390, -79.4090, -9.1130

Conversions

Conversions Part 2

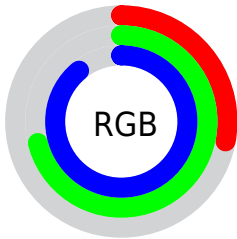
Format	Color
R _Y B	72, 136, 226
Decimal	4765154
CIE Lab	69.42, -17.06, -31.57
CIE LCh	69, 35.886, 241.621
Yxy	39.9280, 0.2184, 0.2649
Android (android.graphics.Color)	4282955234 (0xFF48B5E2)
YUV	153.5390, 35.7233, -71.5097
Hunter-Lab	63.1886, -17.5949, -28.8235

Details

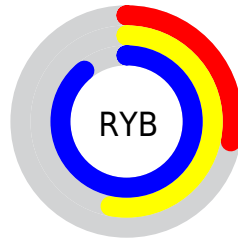
The YIQ color **153.5390, -79.4090, -9.1130** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **144.4610, 79.4090, 9.1130**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **209.1520, -65.3780, -15.6020**, and **94.5160, -89.7700, -14.0740** is the 20% darker color. If you saturate the color by 10%, you get **142.5530, -91.1920, -10.3280**, and if you desaturate by 10%, it is **164.5250, -67.6260, -7.8980**.

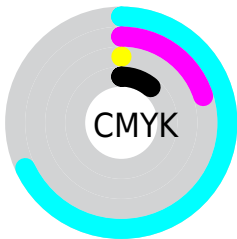
Distribution



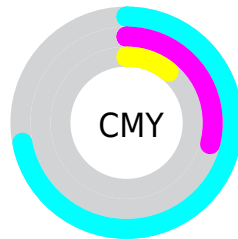
- Red (28%)
- Green (71%)
- Blue (89%)



- Red (28%)
- Yellow (53%)
- Blue (89%)



- Cyan (68%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (72%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.5390, -79.4090, -9.1130 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 153.5390, -79.4090, -9.1130 by changing the saturation by 10% instead.

■ 153.5390,
-79.4090, -9.1130

■ 153.5390,
-79.4090, -9.1130

■ 255.0000, -0.0000,
-0.0000

■ 121.0430,
-89.8160, -13.2400

■ 209.1520,
-65.3780, -15.6020

■ 94.5160, -89.7700,
-14.0740

■ 228.6880,
-52.4480, -18.6560

■ 76.8770, -74.5490,
-9.0850

■ 237.6580,
-34.5680, -12.2960

■ 59.8250, -59.6030,
-4.6190

■ 246.9270,
-16.0920, -5.7240

■ 43.4740, -45.2530,
-0.3650

■ 28.4110, -31.7740,
3.1540

■ 7.7060, -16.1870,

12.5250

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 153.5390,
-79.4090, -9.1130

■ 153.5390,
-79.4090, -9.1130

■ 142.5530,
-91.1920, -10.3280

■ 164.5250,
-67.6260, -7.8980

■ 132.4530,
-102.6540, -11.8540

■ 174.6250,
-56.1640, -6.3720

■ 121.4670,
-114.4370, -13.0690

■ 185.6110,
-44.3810, -5.1570

■ 119.6840,
-116.5460, -13.3940

■ 195.7110,
-32.9190, -3.6310

■ 206.6970,
-21.1360, -2.4160

■ 217.3840, -9.9490,
-1.4130

■ 227.7830, 2.1090,
0.3250

■ 238.7690, 13.8920,
1.5400

■ 242.8890, 13.4340,
-1.1740

Harmonies

Analogous

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



144.8820, -91.2810, -25.2410



153.5390, -79.4090, -9.1130



165.3140, -47.3180, 9.5300

Triad

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



153.5390, -79.4090, -9.1130



172.8630, 43.8270, 26.2190



163.7130, 7.1570, -25.0910

Complementary

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



153.5390, -79.4090, -9.1130



144.4610, 79.4090, 9.1130

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.



167.2820, 33.6560, -15.2400



153.5390, -79.4090, -9.1130



171.2750, 53.8700, 14.9100

Square

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



153.5390, -79.4090, -9.1130



174.3520, 20.5810, 29.0050



169.6250, 49.2880, -1.1760



158.4240, -25.7620, -28.7220

Rectangle

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



153.5390, -79.4090, -9.1130



170.3280, -23.5700, 19.6780



169.6250, 49.2880, -1.1760



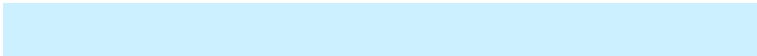
164.9700, 16.7390, -22.5330

Sweetspot

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



153.5390, -79.4090, -9.1130



230.9460, -26.2710, -2.9670



167.4140, -56.4740, -66.8580



113.4480, -16.0010, -1.8650



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.



153.5390, -79.4090, -9.1130



156.7020, -107.7890, -12.4050



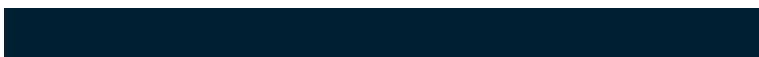
108.9270, -58.5090, 30.6350



106.9500, -5.7310, -0.7630



93.4390, -90.8710, -10.6390



25.4300, -24.7580, -2.8540

Inverse Universe

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



130.4720, 56.7950, 66.5470



125.3630, 77.0560, 90.3360



189.0730, 58.5090, -30.6350



105.2010, 3.9880, 4.8200



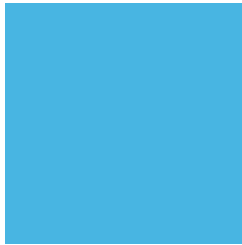
66.8740, 64.7710, 76.1870



18.2280, 17.6940, 20.7500

Previews

White Background



This preview shows how the YIQ color 153.5390, -79.4090, -9.1130 looks on a white background.

Color Contrast Check

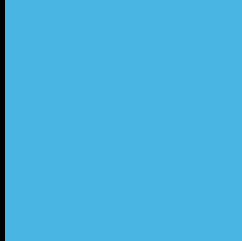
Large Text (above 18pt) WCAG AA × Fail

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 153.5390, -79.4090, -9.1130 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 153.5390, -79.4090, -9.1130

Background



This preview shows how black text looks on a background with the YIQ color 153.5390, -79.4090, -9.1130.



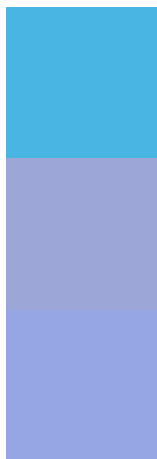
This preview shows how white text looks on a background with the YIQ color 153.5390, -79.4090, -9.1130.

-9.1130.

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

153.5390, -79.4090, -9.1130

Protanopia

169.1830, -21.9640, 12.5960

Deuteranopia

168.3980, -29.7590, 16.2010



Tritanopia

148.8400, -82.2950, -22.8950

Trichromacy



Original Color

153.5390, -79.4090, -9.1130

Protanomaly

163.3050, -43.0990, 4.6530

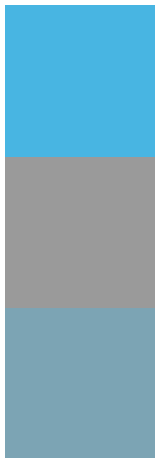
Deuteranomaly

162.8470, -47.5010, 7.3390

Tritanomaly

150.4860, -81.0580, -17.7780

Monochromacy



Original Color

153.5390, -79.4090, -9.1130

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.8640, -28.9760, -3.5040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.5390, -79.4090, -9.1130 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(72, 181, 226)` looks like.

```
.text, #text, p{  
    color:rgb(72, 181, 226)  
}
```

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(72, 181, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 181, 226) }
```

Border

The CSS property to change the border of an element to YIQ 153.5390, -79.4090, -9.1130 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(72, 181, 226) }
```


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

```
.border{ border-color:rgb(72, 181, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 181, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 181, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 181, 226);  
box-shadow:4px 4px 4px 4px rgb(72, 181,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 153.5390, -79.4090, -9.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 181, 226) }
```

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

```
.background{ background-color: rgb(72, 181,  
226) }
```

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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