

Converting Colors

YIQ(126.1790, -68.8670, 9.0930)

Have a look what the booklet for
YIQ(126.1790, -68.8670, 9.0930)
contains.

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Color

**YIQ(126.1790, -68.8670,
9.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	428BDA
RGB	66, 139, 218
RGB Percent	26%, 55%, 85%
CMY	0.7413, 0.4548, 0.1454
CMYK	0.70, 0.36, 0.00, 0.15
HSL	211°, 67%, 56%
HSV	211°, 70%, 85%
XYZ	24.1254, 24.6888, 69.7650
YIQ	126.1790, -68.8670, 9.0930

Conversions

Conversions Part 2

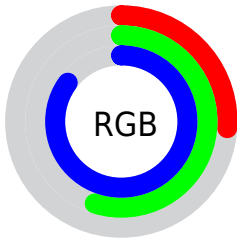
Format	Color
R _Y B	66, 115, 218
Decimal	4361178
CIE Lab	56.77, 2.91, -46.95
CIE LCh	57, 47.044, 273.548
Yxy	24.6888, 0.2035, 0.2082
Android (android.graphics.Color)	4282551258 (0xFF428BDA)
YUV	126.1790, 45.2678, -52.7770
Hunter-Lab	49.6879, -0.2848, -48.4656

Details

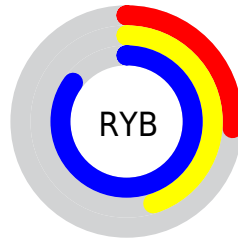
The YIQ color **126.1790, -68.8670, 9.0930** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **157.8210, 68.8670, -9.0930**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6440, -57.1750, 6.4490**, and **71.4120, -77.0730, 3.6230** is the 20% darker color. If you saturate the color by 10%, you get **113.1440, -78.9540, 10.1820**, and if you desaturate by 10%, it is **139.2140, -58.7800, 8.0040**.

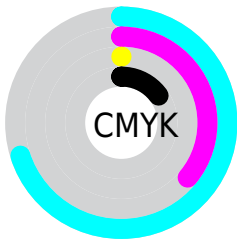
Distribution



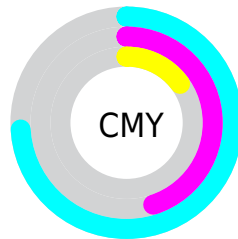
- Red (26%)
- Green (55%)
- Blue (85%)



- Red (26%)
- Yellow (45%)
- Blue (85%)



- Cyan (70%)
- Magenta (36%)
- Yellow (0%)
- Black (15%)



- Cyan (74%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.1790, -68.8670, 9.0930 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 126.1790, -68.8670, 9.0930 by changing the saturation by 10% instead.

■ 126.1790,
-68.8670, 9.0930

■ 126.1790,
-68.8670, 9.0930

■ 255.0000, -0.0000,
-0.0000

■ 94.5580, -80.4200,
3.7080

■ 180.6440,
-57.1750, 6.4490

■ 71.2980, -76.7520,
3.3120

■ 206.0500,
-46.9950, -1.8350

■ 54.8330, -62.0810,
7.2550

■ 231.4560,
-36.8150, -10.1190

■ 38.9550, -47.6850,
10.6750

■ 244.5350,
-20.8600, -7.4200

■ 24.9520, -34.4350,
12.8370

■ 253.5050, -2.9800,
-1.0600

■ 10.4760, -21.2310,
15.8330

■ 6.2070, -13.3440,

10.5600

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 126.1790,
-68.8670, 9.0930

■ 126.1790,
-68.8670, 9.0930

■ 113.1440,
-78.9540, 10.1820

■ 139.2140,
-58.7800, 8.0040

■ 99.5220, -88.7660,
11.7940

■ 152.8360,
-48.9680, 6.3920

■ 86.7860, -98.2570,
13.0950

■ 165.5720,
-39.4770, 5.0910

■ 86.4870, -98.8530,
12.8830

■ 178.6070,
-29.3900, 4.0020

■ 192.2290,
-19.5780, 2.3900

■ 205.2640, -9.4910,
1.3010

■ 218.2990, 0.5960,
0.2120

■ 231.6220, 9.8120,
-1.6120

■ 242.5640, 15.7270,
-4.1850

Harmonies

Analogous

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



111.8760, -108.3390, -13.4510



126.1790, -68.8670, 9.0930



138.9260, -13.2100, 30.1660

Triad

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



126.1790, -68.8670, 9.0930



135.3150, 65.5610, 17.7930



117.7160, -41.6240, -38.6160

Complementary

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



126.1790, -68.8670, 9.0930



157.8210, 68.8670, -9.0930

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.



127.0730, 5.7830, -33.2330



126.1790, -68.8670, 9.0930



134.3070, 58.8710, -4.1450

Square

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



126.1790, -68.8670, 9.0930



136.9510, 55.5630, 33.7950



131.8770, 38.9300, -22.7180



108.1190, -88.1150, -38.5710

Rectangle

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



126.1790, -68.8670, 9.0930



140.0560, 15.9030, 36.6950



131.8770, 38.9300, -22.7180



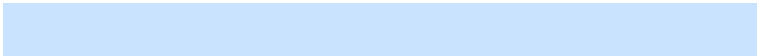
121.9370, -23.1930, -36.7370

Sweetspot

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



126.1790, -68.8670, 9.0930



222.4180, -24.4840, 3.1960



164.1160, -66.8380, -55.2380



108.4530, -14.3970, 2.1070



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.



126.1790, -68.8670, 9.0930



125.8570, -97.0190, 12.6850



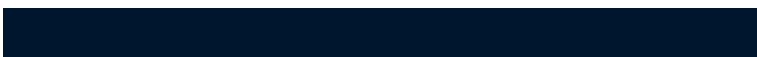
84.2250, -47.0040, 47.9080



103.1890, -4.9060, 0.8060



68.4430, -78.3580, 10.3940



18.1580, -20.8160, 2.8000

Inverse Universe

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



119.7700, 67.1590, 54.9270



116.7280, 94.4810, 77.4010



199.7750, 47.0040, -47.9080



102.8590, 4.9510, 3.8870



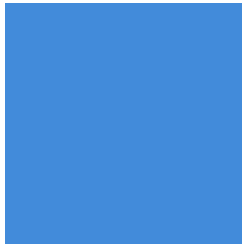
61.1890, 76.4650, 62.4890



16.2620, 20.3540, 16.5940

Previews

White Background



This preview shows how the YIQ color 126.1790, -68.8670, 9.0930 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 126.1790, -68.8670, 9.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

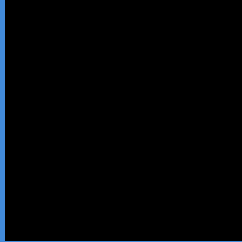
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.1790, -68.8670, 9.0930

Background



This preview shows how black text looks on a background with the YIQ color 126.1790, -68.8670, 9.0930.



This preview shows how white text looks on a background with the YIQ color 126.1790, -68.8670, 9.0930.

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

126.1790, -68.8670, 9.0930

Protanopia

133.9330, -41.4510, 18.8450

Deuteranopia

130.5120, -56.4430, 15.2130



Tritanopia

111.1170, -84.6330, -24.5770

Trichromacy



Original Color

126.1790, -68.8670, 9.0930

Protanomaly

130.8500, -51.5830, 15.2410

Deuteranomaly

129.0060, -60.8900, 13.2060

Tritanomaly

116.7300, -78.6290, -12.2370

Monochromacy



Original Color

126.1790, -68.8670, 9.0930

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1190, -25.0800, 2.9840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.1790, -68.8670, 9.0930 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(66, 139, 218)` looks like.

```
.text, #text, p{  
    color:rgb(66, 139, 218)  
}
```

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(66, 139, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 139, 218) }
```

Border

The CSS property to change the border of an element to YIQ 126.1790, -68.8670, 9.0930 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(66, 139, 218) }
```


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

```
.border{ border-color:rgb(66, 139, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 139, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 139, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 139, 218);  
box-shadow:4px 4px 4px 4px rgb(66, 139,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 126.1790, -68.8670, 9.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 139, 218) }
```

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

```
.background{ background-color: rgb(66, 139,  
218) }
```

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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