

Converting Colors

YIQ(126.3850, -72.4430, 7.8210)

Have a look what the booklet for
YIQ(126.3850, -72.4430, 7.8210)
contains.

YIQ(126.3850, -72.4430, 7.8210)	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(126.3850, -72.4430,
7.8210)**

Conversions

Conversions Part 1

Format	Color
Hex	3E8DDC
RGB	62, 141, 220
RGB Percent	24%, 55%, 86%
CMY	0.7570, 0.4469, 0.1376
CMYK	0.72, 0.36, 0.00, 0.14
HSL	210°, 69%, 55%
HSV	210°, 72%, 86%
XYZ	24.4207, 25.2452, 71.2341
YIQ	126.3850, -72.4430, 7.8210

Conversions

Conversions Part 2

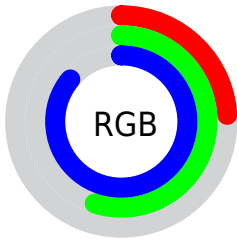
Format	Color
R_{YB}	62, 115, 220
Decimal	4099548
CIE Lab	57.31, 1.86, -47.22
CIE LCh	57, 47.256, 272.254
Yxy	25.2452, 0.2020, 0.2088
Android (android.graphics.Color)	4282289628 (0xFF3E8DDC)
YUV	126.3850, 46.1522, -56.4656
Hunter-Lab	50.2446, -1.1706, -48.8870

Details

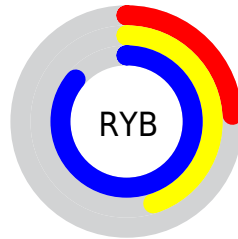
The YIQ color **126.3850, -72.4430, 7.8210** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **155.6150, 72.4430, -7.8210**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.9210, -59.5130, 4.7670**, and **72.1130, -77.6690, 3.4110** is the 20% darker color. If you saturate the color by 10%, you get **113.3500, -82.5300, 8.9100**, and if you desaturate by 10%, it is **139.4200, -62.3560, 6.7320**.

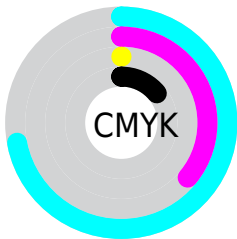
Distribution



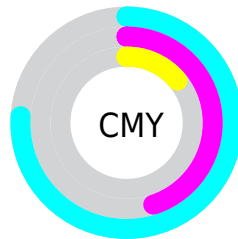
- Red (24%)
- Green (55%)
- Blue (86%)



- Red (24%)
- Yellow (45%)
- Blue (86%)



- Cyan (72%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)



- Cyan (76%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.3850, -72.4430, 7.8210 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 126.3850, -72.4430, 7.8210 by changing the saturation by 10% instead.

■ 126.3850,
-72.4430, 7.8210

■ 126.3850,
-72.4430, 7.8210

■ 255.0000, -0.0000,
-0.0000

■ 91.4750, -90.5520,
0.1040

■ 180.9210,
-59.5130, 4.7670

■ 72.1130, -77.6690,
3.4110

■ 206.6260,
-48.7370, -3.3050

■ 55.6480, -62.9980,
7.3540

■ 232.6190,
-38.8320, -12.1120

■ 40.3570, -48.8770,
10.2510

■ 243.9370,
-22.0520, -7.8440

■ 25.7670, -35.3520,
12.9360

■ 253.2060, -3.5760,
-1.2720

■ 10.7040, -21.8730,
16.4550

■ 6.3210, -13.6650,

10.8710

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 126.3850,
-72.4430, 7.8210

■ 126.3850,
-72.4430, 7.8210

■ 113.3500,
-82.5300, 8.9100

■ 139.4200,
-62.3560, 6.7320

■ 100.3150,
-92.6170, 9.9990

■ 152.4550,
-52.2690, 5.6430

■ 89.6500,
-100.8700, 10.8900

■ 165.4900,
-42.1820, 4.5540

■ 178.5250,
-32.0950, 3.4650

■ 191.5600,
-22.0080, 2.3760

■ 204.5950,
-11.9210, 1.2870

■ 217.6300, -1.8340,
0.1980

■ 230.6650, 8.2530,
-0.8910

■ 242.2050, 15.3600,
-3.0400

Harmonies

Analogous

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



113.1640, -109.2100, -14.1860



126.3850, -72.4430, 7.8210



140.1430, -15.3190, 29.8410

Triad

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



126.3850, -72.4430, 7.8210



136.8420, 65.5150, 18.6270



119.4990, -39.5150, -38.2910

Complementary

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



126.3850, -72.4430, 7.8210



155.6150, 72.4430, -7.8210

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.



128.8560, 7.8920, -32.9080



126.3850, -72.4430, 7.8210



135.4320, 60.0170, -2.8870

Square

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



126.3850, -72.4430, 7.8210



138.1790, 54.9210, 34.4170



132.8880, 40.3970, -21.7710



108.7060, -88.3900, -39.0940

Rectangle

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



126.3850, -72.4430, 7.8210



141.6860, 14.0690, 36.8930



132.8880, 40.3970, -21.7710



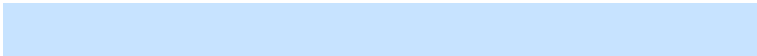
123.7200, -21.0840, -36.4120

Sweetspot

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



126.3850, -72.4430, 7.8210



221.8200, -25.6760, 2.7720



163.4100, -67.8460, -58.9980



107.8550, -15.5890, 1.6830



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.



126.3850, -72.4430, 7.8210



124.9490, -100.2740, 11.1020



81.7730, -51.5430, 47.5690



103.1890, -4.9060, 0.8060



70.7910, -79.4580, 8.3020



18.7450, -21.0910, 2.2770

Inverse Universe

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



118.2480, 68.8090, 58.0650



113.9070, 95.5350, 80.3270



200.2270, 51.5430, -47.5690



102.8590, 4.9510, 3.8870



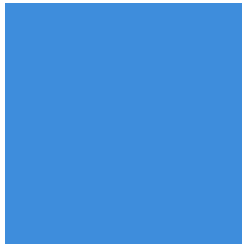
61.6450, 75.1810, 63.7330



16.3760, 20.0330, 16.9050

Previews

White Background



This preview shows how the YIQ color 126.3850, -72.4430, 7.8210 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 126.3850, -72.4430, 7.8210 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 126.3850, -72.4430, 7.8210

Background



This preview shows how black text looks on a background with the YIQ color 126.3850, -72.4430, 7.8210.



This preview shows how white text looks on a background with the YIQ color 126.3850, -72.4430, 7.8210.

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

126.3850, -72.4430, 7.8210

Protanopia

135.0470, -41.7720, 19.1560

Deuteranopia

131.6260, -56.7640, 15.5240



Tritanopia

107.9200, -94.4440, -28.4920

Trichromacy



Original Color

126.3850, -72.4430, 7.8210

Protanomaly

132.2520, -52.7750, 14.8170

Deuteranomaly

129.5220, -62.4030, 13.0930

Tritanomaly

114.7290, -86.0560, -15.3040

Monochromacy



Original Color

126.3850, -72.4430, 7.8210

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9340, -25.9970, 3.0830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.3850, -72.4430, 7.8210 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(62, 141, 220)` looks like.

```
.text, #text, p{  
    color:rgb(62, 141, 220)  
}
```

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(62, 141, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 141, 220) }
```

Border

The CSS property to change the border of an element to YIQ 126.3850, -72.4430, 7.8210 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(62, 141, 220) }
```


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

```
.border{ border-color:rgb(62, 141, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 141, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 141, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 141, 220);  
box-shadow:4px 4px 4px 4px rgb(62, 141,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 126.3850, -72.4430, 7.8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 141, 220) }
```

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

```
.background{ background-color: rgb(62, 141,  
220) }
```

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