

Converting Colors

YIQ(123.6840, -71.8470, 8.0330)

Have a look what the booklet for
YIQ(123.6840, -71.8470, 8.0330)
contains.

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Color

**YIQ(123.6840, -71.8470,
8.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	3C8AD9
RGB	60, 138, 217
RGB Percent	24%, 54%, 85%
CMY	0.7648, 0.4587, 0.1494
CMYK	0.72, 0.36, 0.00, 0.15
HSL	210°, 67%, 54%
HSV	210°, 72%, 85%
XYZ	23.4675, 24.1512, 69.0102
YIQ	123.6840, -71.8470, 8.0330

Conversions

Conversions Part 2

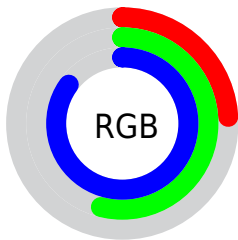
Format	Color
R _Y B	60, 112, 217
Decimal	3967705
CIE Lab	56.24, 2.30, -47.25
CIE LCh	56, 47.303, 272.787
Yxy	24.1512, 0.2012, 0.2071
Android (android.graphics.Color)	4282157785 (0xFF3C8AD9)
YUV	123.6840, 46.0048, -55.8509
Hunter-Lab	49.1438, -0.7632, -48.8573

Details

The YIQ color **123.6840, -71.8470, 8.0330** 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 **153.3160, 71.8470, -8.0330**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.8610, -59.2840, 6.1240**, and **70.7110, -76.4770, 3.8350** is the 20% darker color. If you saturate the color by 10%, you get **110.6490, -81.9340, 9.1220**, and if you desaturate by 10%, it is **136.7190, -61.7600, 6.9440**.

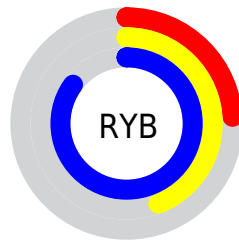
Distribution



Red (24%)

Green (54%)

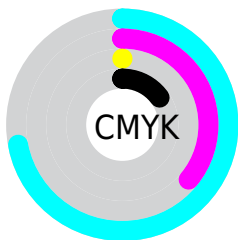
Blue (85%)



Red (24%)

Yellow (44%)

Blue (85%)

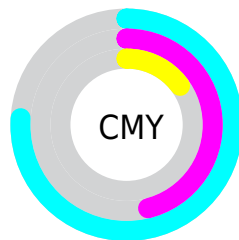


Cyan (72%)

Magenta (36%)

Yellow (0%)

Black (15%)



Cyan (76%)

Magenta (46%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.6840, -71.8470, 8.0330 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 123.6840, -71.8470, 8.0330 by changing the saturation by 10% instead.

■ 123.6840,
-71.8470, 8.0330

■ 123.6840,
-71.8470, 8.0330

■ 255.0000, -0.0000,
-0.0000

■ 87.8770, -91.7440,
-0.3200

■ 178.8610,
-59.2840, 6.1240

■ 70.5970, -76.1560,
3.5240

■ 204.2670,
-49.1040, -2.1600

■ 54.1320, -61.4850,
7.4670

■ 229.6730,
-38.9240, -10.4440

■ 38.2540, -47.0890,
10.8870

■ 243.3390,
-23.2440, -8.2680

■ 24.2510, -33.8390,
13.0490

■ 252.6080, -4.7680,
-1.6960

■ 10.4760, -21.2310,
15.8330

■ 5.5060, -12.7480,

10.7720

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 123.6840,
-71.8470, 8.0330

■ 123.6840,
-71.8470, 8.0330

■ 110.6490,
-81.9340, 9.1220

■ 136.7190,
-61.7600, 6.9440

■ 97.9130, -91.4250,
10.4230

■ 149.4550,
-52.2690, 5.6430

■ 88.1340, -99.3570,
11.0030

■ 162.4900,
-42.1820, 4.5540

■ 175.5250,
-32.0950, 3.4650

■ 188.2610,
-22.6040, 2.1640

■ 200.7090,
-12.2420, 1.5980

■ 213.7440, -2.1550,
0.5090

■ 226.7790, 7.9320,
-0.5800

■ 239.5150, 17.4230,
-1.8810

Harmonies

Analogous

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



111.0610, -107.4220, -13.5500



123.6840, -71.8470, 8.0330



137.3280, -14.4020, 29.7420

Triad

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



123.6840, -71.8470, 8.0330



133.8420, 65.5150, 18.6270



116.0150, -41.0280, -38.4040

Complementary

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



123.6840, -71.8470, 8.0330



153.3160, 71.8470, -8.0330

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.



125.6710, 6.9750, -32.8090



123.6840, -71.8470, 8.0330



133.0190, 59.7420, -3.4100

Square

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



123.6840, -71.8470, 8.0330



136.0650, 55.2420, 34.1060



130.1760, 39.5260, -22.5060



106.7170, -86.9230, -38.1470

Rectangle

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



123.6840, -71.8470, 8.0330



138.8710, 14.9860, 36.7940



130.1760, 39.5260, -22.5060



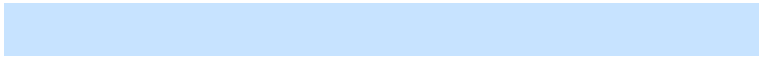
120.5350, -22.0010, -36.3130

Sweetspot

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



123.6840, -71.8470, 8.0330



221.8200, -25.6760, 2.7720



161.0510, -68.2130, -57.8530



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.



123.6840, -71.8470, 8.0330



122.8780, -101.5120, 11.5120



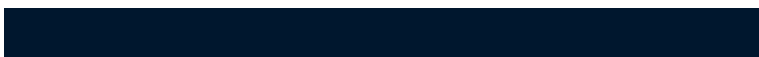
77.8980, -50.3970, 48.8270



103.1890, -4.9060, 0.8060



70.2040, -79.1830, 8.8250



18.7450, -21.0910, 2.2770

Inverse Universe

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



115.8350, 68.5340, 57.5420



111.9180, 97.0020, 81.2740



199.1020, 50.3970, -48.8270



102.8590, 4.9510, 3.8870



61.5310, 75.5020, 63.4220



16.3760, 20.0330, 16.9050

Previews

White Background



This preview shows how the YIQ color 123.6840, -71.8470, 8.0330 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 123.6840, -71.8470, 8.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

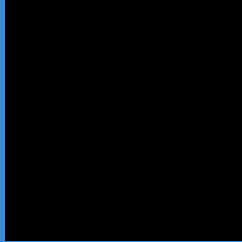
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.6840, -71.8470, 8.0330

Background



This preview shows how black text looks on a background with the YIQ color 123.6840, -71.8470, 8.0330.



This preview shows how white text looks on a background with the YIQ color 123.6840, -71.8470,

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

123.6840, -71.8470, 8.0330

Protanopia

132.0470, -41.7720, 19.1560

Deuteranopia

128.9140, -57.6350, 14.7890



Tritanopia

105.8170, -92.6560, -27.8560

Trichromacy



Original Color

123.6840, -71.8470, 8.0330

Protanomaly

129.2520, -52.7750, 14.8170

Deuteranomaly

127.1090, -62.6780, 12.5700

Tritanomaly

112.3270, -84.8640, -14.8800

Monochromacy



Original Color

123.6840, -71.8470, 8.0330

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9340, -25.9970, 3.0830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.6840, -71.8470, 8.0330 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(60, 138, 217)` looks like.

```
.text, #text, p{  
    color:rgb(60, 138, 217)  
}
```

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(60, 138, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 138, 217) }
```

Border

The CSS property to change the border of an element to YIQ 123.6840, -71.8470, 8.0330 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(60, 138, 217) }
```


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

```
.border{ border-color:rgb(60, 138, 217) }
```

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

Here you see how a box with a 4 pixel rgb(60, 138, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 138, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 138, 217);  
box-shadow:4px 4px 4px 4px rgb(60, 138,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 123.6840, -71.8470, 8.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 138, 217) }
```

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

```
.background{ background-color: rgb(60, 138,  
217) }
```

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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