

Converting Colors

YIQ(119.3790, -64.2790,
-7.9830)

Have a look what the booklet for
YIQ(119.3790, -64.2790, -7.9830)
contains.

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Color

**YIQ(119.3790, -64.2790,
-7.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	358EB1
RGB	53, 142, 177
RGB Percent	21%, 56%, 69%
CMY	0.7923, 0.4430, 0.3062
CMYK	0.70, 0.20, 0.00, 0.31
HSL	197°, 54%, 45%
HSV	197°, 70%, 69%
XYZ	19.0729, 23.2842, 45.0464
YIQ	119.3790, -64.2790, -7.9830

Conversions

Conversions Part 2

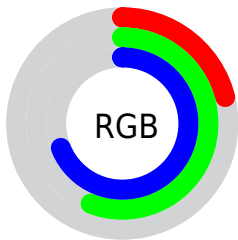
Format	Color
RYB	53, 105, 177
Decimal	3509937
CIELab	55.36, -14.88, -25.99
CIElCh	55, 29.942, 240.210
Yxy	23.2842, 0.2182, 0.2664
Android (android.graphics.Color)	4281700017 (0xFF358EB1)
YUV	119.3790, 28.4072, -58.2144
Hunter-Lab	48.2537, -13.8896, -21.5716




Details

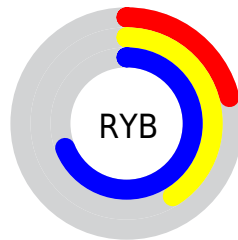
The YIQ color **119.3790, -64.2790, -7.9830** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **110.6210, 64.2790, 7.9830**, and the grayscale version is **119.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **175.9990, -60.1530, -5.6650**, and **68.1400, -65.1040, -9.5520** is the 20% darker color. If you saturate the color by 10%, you get **111.0620, -73.6320, -9.1840**, and if you desaturate by 10%, it is **127.6960, -54.9260, -6.7820**.

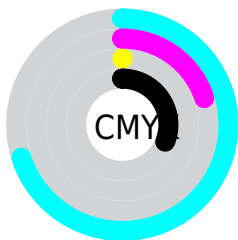
Distribution







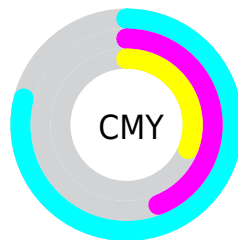
-  Red (21%)
-  Green (56%)
-  Blue (69%)






-  Red (21%)
-  Yellow (41%)
-  Blue (69%)



-  Cyan (70%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (79%)
-  Magenta (44%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.3790, -64.2790, -7.9830 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 119.3790, -64.2790, -7.9830 by changing the saturation by 10% instead.

■ 119.3790,
-64.2790, -7.9830

■ 119.3790,
-64.2790, -7.9830

■ 255.0000, -0.0000,
-0.0000

■ 85.4910, -79.4540,
-13.8060

■ 175.9990,
-60.1530, -5.6650

■ 68.1400, -65.1040,
-9.5520

■ 203.6140,
-57.6310, -7.3190

■ 51.2020, -50.4790,
-4.7750

■ 228.7210,
-48.0470, -15.8150

■ 35.5520, -36.7250,
-0.7330

■ 239.1530,
-31.5880, -11.2360

■ 21.1900, -23.8420,
2.5740

■ 248.1230,
-13.7080, -4.8760

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,

0.6220

■ 0.0000, 0.0000,
0.0000

■ 119.3790,
-64.2790, -7.9830

■ 119.3790,
-64.2790, -7.9830

■ 111.0620,
-73.6320, -9.1840

■ 127.6960,
-54.9260, -6.7820

■ 103.0440,
-82.3890, -10.1730

■ 135.7140,
-46.1690, -5.7930

■ 94.7270, -91.7420,
-11.3740

■ 144.0310,
-36.8160, -4.5920

■ 152.3480,
-27.4630, -3.3910

■ 160.3660,
-18.7060, -2.4020

■ 168.6830, -9.3530,
-1.2010

■ 177.0000, -0.0000,
0.0000

■ 185.3170, 9.3530,
1.2010

■ 193.3350, 18.1100,
2.1900

Harmonies

Analogous

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



113.2820, -71.7960, -20.4360



119.3790, -64.2790, -7.9830



128.9250, -38.9730, 6.9710

Triad

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



119.3790, -64.2790, -7.9830



135.6120, 34.1080, 20.6360



128.2880, 7.1560, -19.5640

Complementary

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



119.3790, -64.2790, -7.9830



110.6210, 64.2790, 7.9830

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.



130.8670, 27.6950, -11.8330



119.3790, -64.2790, -7.9830



134.2350, 42.1790, 12.0270

Square

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



119.3790, -64.2790, -7.9830



136.1400, 15.1260, 23.2380



132.7750, 40.1180, -0.1860



124.1200, -18.7940, -22.8420

Rectangle

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



119.3790, -64.2790, -7.9830



133.1340, -20.2680, 14.9000



132.7750, 40.1180, -0.1860



128.7620, 14.6290, -17.3310

Sweetspot

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



119.3790, -64.2790, -7.9830



207.1310, -25.3540, -3.0660



129.5500, -44.6930, -54.5890



101.6330, -15.0840, -1.9640



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



119.3790, -64.2790, -7.9830



140.0080, -99.9030, -12.1510



84.1590, -47.7790, 23.3970



85.1350, -4.8140, -0.8620



82.0120, -79.3630, -9.9470



13.5300, -13.2960, -1.3280

Inverse Universe

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



100.2220, 45.3350, 53.9670



110.4390, 70.7300, 83.8340



145.8410, 47.7790, -23.3970



83.4890, 3.1170, 4.0850



58.2870, 55.8780, 66.6460



9.8260, 9.7180, 11.1100

Previews

White Background



This preview shows how the YIQ color 119.3790, -64.2790, -7.9830 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 119.3790, -64.2790, -7.9830 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 119.3790, -64.2790, -7.9830

Background



This preview shows how black text looks on a background with the YIQ color 119.3790, -64.2790, -7.9830.



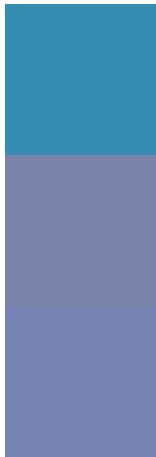
This preview shows how white text looks on a background with the YIQ color 119.3790, -64.2790, -7.9830.

-7.9830.

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

119.3790, -64.2790, -7.9830

Protanopia

131.9400, -16.9660, 10.1220

Deuteranopia

131.8130, -23.7980, 12.7940



Tritanopia

114.9730, -66.4320, -18.5280

Trichromacy



Original Color

119.3790, -64.2790, -7.9830

Protanomaly

127.1550, -33.9290, 3.6630

Deuteranomaly

127.1700, -38.2850, 5.5150

Tritanomaly

116.6790, -65.4240, -14.7680

Monochromacy



Original Color

119.3790, -64.2790, -7.9830

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9140, -23.2450, -2.7410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3790, -64.2790, -7.9830 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(53, 142, 177)` looks like.

```
.text, #text, p{  
    color:rgb(53, 142, 177)  
}
```

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(53, 142, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 142, 177) }
```

Border

The CSS property to change the border of an element to YIQ 119.3790, -64.2790, -7.9830 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(53, 142, 177) }
```


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

```
.border{ border-color:rgb(53, 142, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 142, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 142, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 142, 177);  
box-shadow:4px 4px 4px 4px rgb(53, 142,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3790, -64.2790, -7.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 142, 177) }
```

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

```
.background{ background-color: rgb(53, 142,  
177) }
```

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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