

Converting Colors

YIQ(108.9440, -93.8510,
-11.6990)

Have a look what the booklet for
YIQ(108.9440, -93.8510, -11.6990)
contains.

YIQ(108.9440, -93.8510, -11.6990)	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(108.9440, -93.8510,
-11.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	0C8EC1
RGB	12, 142, 193
RGB Percent	5%, 56%, 76%
CMY	0.9531, 0.4429, 0.2435
CMYK	0.94, 0.26, 0.00, 0.24
HSL	197°, 88%, 40%
HSV	197°, 94%, 76%
XYZ	19.4457, 23.2855, 53.8603
YIQ	108.9440, -93.8510, -11.6990

Conversions

Conversions Part 2

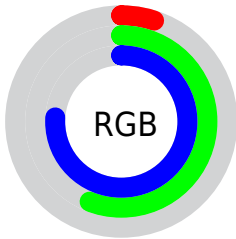
Format	Color
R_{YB}	12, 88, 193
Decimal	822977
CIE _{Lab}	55.37, -12.99, -35.13
CIE _{LCh}	55, 37.453, 249.712
Yxy	23.2855, 0.2013, 0.2411
Android (android.graphics.Color)	4279013057 (0xFF0C8EC1)
YUV	108.9440, 41.4396, -85.0199
Hunter-Lab	48.2551, -12.5149, -32.3985

Details

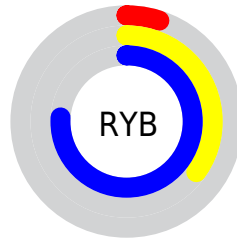
The YIQ color **108.9440, -93.8510, -11.6990** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **96.0560, 93.8510, 11.6990**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1530, -75.1460, -3.7700**, and **69.8500, -69.9190, -4.8870** is the 20% darker color. If you saturate the color by 10%, you get **103.5950, -100.1780, -12.6740**, and if you desaturate by 10%, it is **117.5600, -83.9020, -10.2860**.

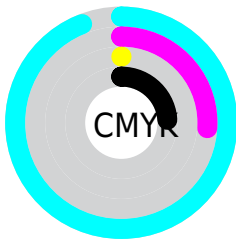
Distribution



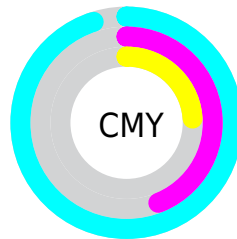
- Red (5%)
- Green (56%)
- Blue (76%)



- Red (5%)
- Yellow (35%)
- Blue (76%)



- Cyan (94%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.9440, -93.8510, -11.6990 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 108.9440, -93.8510, -11.6990 by changing the saturation by 10% instead.

■ 108.9440,
-93.8510, -11.6990

■ 108.9440,
-93.8510, -11.6990

■ 255.0000, -0.0000,
-0.0000

■ 87.6030, -85.4610,
-9.5650

■ 173.1530,
-75.1460, -3.7700

■ 69.8500, -69.9190,
-4.8870

■ 199.4280,
-65.9750, -10.2870

■ 52.7980, -54.9730,
-0.4210

■ 225.1330,
-55.1990, -18.3590

■ 37.1480, -41.2190,
3.6210

■ 235.8640,
-38.1440, -13.5680

■ 23.2590, -28.2900,
6.0940

■ 244.8340,
-20.2640, -7.2080

■ 6.5490, -14.3070,
11.4930

■ 254.1030, -1.7880,

■ 2.9810, -7.0160,

-0.6360

6.0080

■ 0.0000, 0.0000,
0.0000

■ 108.9440,
-93.8510, -11.6990

■ 108.9440,
-93.8510, -11.6990

■ 103.5950,
-100.1780, -12.6740

■ 117.5600,
-83.9020, -10.2860

■ 127.0620,
-73.6320, -9.1840

■ 135.6780,
-63.6830, -7.7710

■ 144.8810,
-54.0090, -6.8810

■ 153.4970,
-44.0600, -5.4680

■ 162.9990,
-33.7900, -4.3660

■ 171.6150,
-23.8410, -2.9530

■ 180.2310,
-13.8920, -1.5400

■ 189.7330, -3.6220,
-0.4380

Harmonies

Analogous

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



106.5980, -96.2330, -23.6010



108.9440, -93.8510, -11.6990



129.7280, -39.6160, 13.1200

Triad

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



108.9440, -93.8510, -11.6990



134.2500, 46.9910, 23.9430



125.1680, -1.5540, -26.9140

Complementary

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



108.9440, -93.8510, -11.6990



96.0560, 93.8510, 11.6990

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.



129.0530, 26.8710, -18.9290



108.9440, -93.8510, -11.6990



133.1560, 52.5870, 10.6270

Square

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



108.9440, -93.8510, -11.6990



135.8860, 27.8250, 29.8810



131.5380, 44.9790, -5.6850



118.1390, -38.1410, -30.1490

Rectangle

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



108.9440, -93.8510, -11.6990



134.6990, -14.3090, 22.5470



131.5380, 44.9790, -5.6850



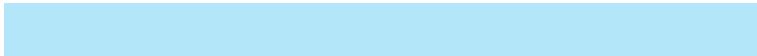
126.4960, 9.2660, -24.7660

Sweetspot

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



108.9440, -93.8510, -11.6990



217.3300, -36.2200, -4.3800



123.7190, -65.1830, -79.7350



105.0990, -22.3280, -2.8400



252.0000, 0.0000, 0.0000



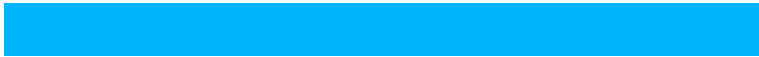
125.0000, 0.0000, 0.0000

Same Dimension

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



108.9440, -93.8510, -11.6990



134.1600, -129.7500, -16.3900



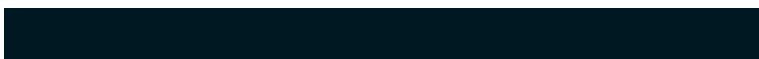
57.2880, -69.6510, 34.3250



92.2490, -5.1350, -0.5510



86.4460, -83.5810, -10.5970



17.8500, -17.1930, -2.2890

Inverse Universe

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



80.9390, 66.1460, 78.8020



95.2700, 91.2200, 108.9800



147.7120, 69.6510, -34.3250



90.7880, 3.7130, 4.2970



61.3630, 58.7200, 70.2080



12.6030, 11.9640, 14.4600

Previews

White Background



This preview shows how the YIQ color 108.9440, -93.8510, -11.6990 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 108.9440, -93.8510, -11.6990 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 108.9440, -93.8510, -11.6990 Background



This preview shows how black text looks on a background with the YIQ color 108.9440, -93.8510, -11.6990.



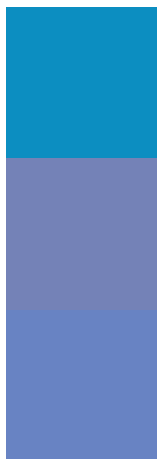
This preview shows how white text looks on a background with the YIQ color 108.9440, -93.8510, -11.6990.

-11.6990.

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

108.9440, -93.8510, -11.6990

Protanopia

131.8560, -25.3570, 13.5150

Deuteranopia

130.2230, -36.6360, 14.1800



Tritanopia

104.3010, -91.1430, -27.7430

Trichromacy



Original Color

108.9440, -93.8510, -11.6990

Protanomaly

123.2980, -50.3890, 4.6110

Deuteranomaly

122.5900, -57.0830, 4.7810

Tritanomaly

105.8050, -92.3820, -21.8060

Monochromacy



Original Color

108.9440, -93.8510, -11.6990

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.1130, -34.1110, -4.0550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.9440, -93.8510, -11.6990 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(12, 142, 193)` looks like.

```
.text, #text, p{  
    color:rgb(12, 142, 193)  
}
```

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(12, 142, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 142, 193) }
```

Border

The CSS property to change the border of an element to YIQ 108.9440, -93.8510, -11.6990 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(12, 142, 193) }
```


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

```
.border{ border-color:rgb(12, 142, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 142, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 142, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 142, 193);  
box-shadow:4px 4px 4px 4px rgb(12, 142,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 108.9440, -93.8510, -11.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 142, 193) }
```

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

```
.background{ background-color: rgb(12, 142,  
193) }
```

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