

Converting Colors

YIQ(119.6890, -88.5790,
-8.1230)

Have a look what the booklet for
YIQ(119.6890, -88.5790, -8.1230)
contains.

YIQ(119.6890, -88.5790, -8.1230)	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(119.6890, -88.5790,
-8.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	1E95CC
RGB	30, 149, 204
RGB Percent	12%, 58%, 80%
CMY	0.8825, 0.4155, 0.2004
CMYK	0.85, 0.27, 0.00, 0.20
HSL	199°, 74%, 46%
HSV	199°, 85%, 80%
XYZ	22.1760, 26.1406, 60.9404
YIQ	119.6890, -88.5790, -8.1230

Conversions

Conversions Part 2

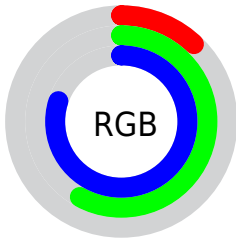
Format	Color
RYB	30, 101, 204
Decimal	2004428
CIELab	58.17, -11.89, -36.94
CIElCh	58, 38.807, 252.161
Yxy	26.1406, 0.2030, 0.2393
Android (android.graphics.Color)	4280194508 (0xFF1E95CC)
YUV	119.6890, 41.5653, -78.6573
Hunter-Lab	51.1279, -12.0521, -34.8794

Details

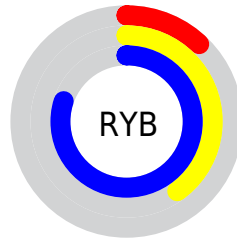
The YIQ color **119.6890, -88.5790, -8.1230** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **114.3110, 88.5790, 8.1230**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **180.2240, -73.9080, -4.1800**, and **74.6260, -75.1000, -4.6040** is the 20% darker color. If you saturate the color by 10%, you get **110.1870, -98.8490, -9.2250**, and if you desaturate by 10%, it is **129.1910, -78.3090, -7.0210**.

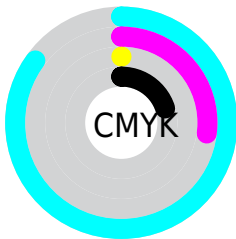
Distribution



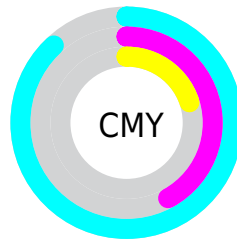
- Red (12%)
- Green (58%)
- Blue (80%)



- Red (12%)
- Yellow (40%)
- Blue (80%)



- Cyan (85%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (88%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.6890, -88.5790, -8.1230 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 119.6890, -88.5790, -8.1230 by changing the saturation by 10% instead.

■ 119.6890,
-88.5790, -8.1230

■ 119.6890,
-88.5790, -8.1230

■ 255.0000, -0.0000,
-0.0000

■ 92.2650, -90.3210,
-9.5930

■ 180.2240,
-73.9080, -4.1800

■ 74.5120, -74.7790,
-4.9150

■ 205.9290,
-63.1320, -12.2520

■ 58.0470, -60.1080,
-0.9720

■ 229.2860,
-51.2560, -18.2320

■ 41.6960, -45.7580,
3.2820

■ 238.2560,
-33.3760, -11.8720

■ 27.2200, -32.5540,
6.2780

■ 247.5250,
-14.9000, -5.3000

■ 8.1620, -17.4710,
13.7690

■ 4.4800, -9.8590,

7.9730

■ 0.0000, 0.0000,
0.0000

■ 119.6890,
-88.5790, -8.1230

■ 119.6890,
-88.5790, -8.1230

■ 110.1870,
-98.8490, -9.2250

■ 129.1910,
-78.3090, -7.0210

■ 105.4360,
-103.9840, -9.7760

■ 139.5790,
-67.7180, -6.2300

■ 149.0810,
-57.4480, -5.1280

■ 159.4690,
-46.8570, -4.3370

■ 168.9710,
-36.5870, -3.2350

■ 179.0600,
-26.5920, -2.6560

■ 188.8610,
-15.7260, -1.3420

■ 198.3630, -5.4560,
-0.2400

■ 208.4520, 4.5390,
0.3390

Harmonies

Analogous

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



111.9610, -101.6890, -23.8410



119.6890, -88.5790, -8.1230



137.9670, -38.7910, 14.6890

Triad

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



119.6890, -88.5790, -8.1230



141.5170, 50.6130, 24.3810



131.5590, -4.2130, -28.2850

Complementary

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



119.6890, -88.5790, -8.1230



114.3110, 88.5790, 8.1230

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.



135.5150, 25.4500, -20.7100



119.6890, -88.5790, -8.1230



140.2980, 55.0630, 9.8070

Square

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



119.6890, -88.5790, -8.1230



143.5660, 31.7220, 30.8420



138.6690, 45.9880, -7.4520



123.8610, -43.2300, -31.5340

Rectangle

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



119.6890, -88.5790, -8.1230



142.4220, -11.9710, 24.2290



138.6690, 45.9880, -7.4520



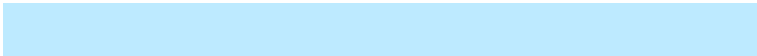
132.8870, 6.6070, -26.1370

Sweetspot

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



119.6890, -88.5790, -8.1230



222.9390, -33.5610, -3.0090



138.0660, -64.5420, -74.8300



108.4090, -20.2650, -1.6810



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.



119.6890, -88.5790, -8.1230



131.7950, -129.9800, -12.2200



70.3810, -65.4790, 35.8090



97.2490, -5.1350, -0.5510



85.2550, -84.3610, -7.4730



19.5940, -19.3480, -1.7800

Inverse Universe

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



95.5920, 65.5050, 73.8970



96.1950, 95.8050, 108.4850



163.6190, 65.4790, -35.8090



95.7880, 3.7130, 4.2970



62.5160, 62.6630, 70.3350



14.3260, 14.3020, 16.1420

Previews

White Background



This preview shows how the YIQ color 119.6890, -88.5790, -8.1230 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 119.6890, -88.5790, -8.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

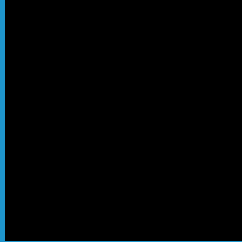
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.6890, -88.5790, -8.1230

Background



This preview shows how black text looks on a background with the YIQ color 119.6890, -88.5790, -8.1230.



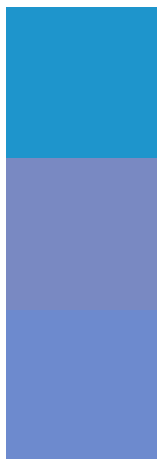
This preview shows how white text looks on a background with the YIQ color 119.6890, -88.5790, -8.1230.

-8.1230.

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

119.6890, -88.5790, -8.1230

Protanopia

138.7140, -27.8330, 14.3350

Deuteranopia

137.0810, -39.1120, 15.0000



Tritanopia

109.3220, -95.6360, -28.9160

Trichromacy



Original Color

119.6890, -88.5790, -8.1230

Protanomaly

131.6510, -49.8850, 6.4910

Deuteranomaly

130.6440, -57.1750, 6.4490

Tritanomaly

113.0330, -93.0240, -21.1840

Monochromacy



Original Color

119.6890, -88.5790, -8.1230

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1240, -32.6440, -3.1080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.6890, -88.5790, -8.1230 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(30, 149, 204)` looks like.

```
.text, #text, p{  
    color:rgb(30, 149, 204)  
}
```

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(30, 149, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 149, 204) }
```

Border

The CSS property to change the border of an element to YIQ 119.6890, -88.5790, -8.1230 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(30, 149, 204) }
```


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

```
.border{ border-color:rgb(30, 149, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 149, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 149, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 149, 204);  
box-shadow:4px 4px 4px 4px rgb(30, 149,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 119.6890, -88.5790, -8.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 149, 204) }
```

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

```
.background{ background-color: rgb(30, 149,  
204) }
```

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