

Converting Colors

YIQ(129.0700, -111.6410,
-8.6730)

Have a look what the booklet for
YIQ(129.0700, -111.6410, -8.6730)
contains.

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Color

**YIQ(129.0700, -111.6410,
-8.6730)**

Conversions

Conversions Part 1

Format	Color
Hex	11A5EE
RGB	17, 165, 238
RGB Percent	7%, 65%, 93%
CMY	0.9335, 0.3527, 0.0672
CMYK	0.93, 0.31, 0.00, 0.07
HSL	200°, 87%, 50%
HSV	200°, 93%, 93%
XYZ	29.1101, 33.2168, 85.6680
YIQ	129.0700, -111.6410, -8.6730

Conversions

Conversions Part 2

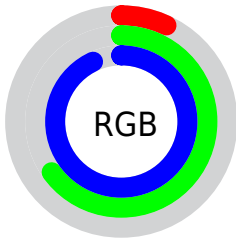
Format	Color
R_{YB}	17, 106, 238
Decimal	1156590
CIE _{Lab}	64.34, -9.24, -46.13
CIE _{LCh}	64, 47.043, 258.668
Yxy	33.2168, 0.1967, 0.2244
Android (android.graphics.Color)	4279346670 (0xFF11A5EE)
YUV	129.0700, 53.7025, -98.2854
Hunter-Lab	57.6340, -10.7019, -47.7857

Details

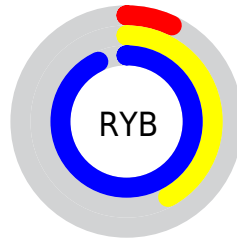
The YIQ color **129.0700, -111.6410, -8.6730** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **125.9300, 111.6410, 8.6730**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3990, -76.1990, -12.2230**, and **87.0790, -89.4970, -2.4970** is the 20% darker color. If you saturate the color by 10%, you get **120.4650, -120.1230, -9.1390**, and if you desaturate by 10%, it is **140.9420, -99.5370, -7.7690**.

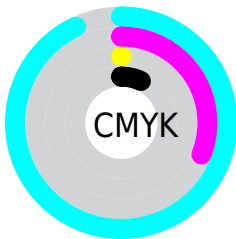
Distribution



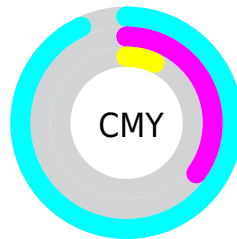
- Red (7%)
- Green (65%)
- Blue (93%)



- Red (7%)
- Yellow (42%)
- Blue (93%)



- Cyan (93%)
- Magenta (31%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (35%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.0700, -111.6410, -8.6730 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 129.0700, -111.6410, -8.6730 by changing the saturation by 10% instead.

■ 129.0700,
-111.6410, -8.6730

■ 129.0700,
-111.6410, -8.6730

■ 255.0000, -0.0000,
-0.0000

■ 105.4190,
-105.3140, -7.6980

■ 191.3990,
-76.1990, -12.2230

■ 87.6660, -89.7720,
-3.0200

■ 217.7020,
-64.2310, -19.8710

■ 69.7990, -73.9090,
1.3470

■ 231.3790,
-47.0840, -16.7480

■ 53.3340, -59.2380,
5.2900

■ 240.9470,
-28.0120, -9.9640

■ 38.1570, -45.4380,
8.4980

■ 250.2160, -9.5360,
-3.3920

■ 23.5670, -31.9130,
11.1830

■ 9.2050, -19.0300,

14.4900

■ 4.8220, -10.8220,
8.9060

■ 0.5700, -1.6050,
1.5550

■ 129.0700,
-111.6410, -8.6730

■ 129.0700,
-111.6410, -8.6730

■ 120.4650,
-120.1230, -9.1390

■ 140.9420,
-99.5370, -7.7690

■ 152.8140,
-87.4330, -6.8650

■ 164.3870,
-75.9250, -6.1730

■ 175.6720,
-63.5460, -4.7460

■ 187.5440,
-51.4420, -3.8420

■ 199.4160,
-39.3380, -2.9380

■ 210.9890,
-27.8300, -2.2460

■ 222.8610,
-15.7260, -1.3420

■ 234.7330, -3.6220,
-0.4380

Harmonies

Analogous

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



126.9900, -117.8280, -23.2040



129.0700, -111.6410, -8.6730



155.3080, -38.0130, 22.6190

Triad

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



129.0700, -111.6410, -8.6730



156.8130, 64.4590, 26.7550



143.5420, -14.7110, -36.2710

Complementary

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



129.0700, -111.6410, -8.6730



125.9300, 111.6410, 8.6730

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.



149.7610, 24.3970, -29.1630



129.0700, -111.6410, -8.6730



155.4640, 66.1590, 6.9510

Square

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



129.0700, -111.6410, -8.6730



159.0240, 45.2920, 38.2200



153.3890, 52.4080, -13.6720



126.2200, -78.3940, -44.0420

Rectangle

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



129.0700, -111.6410, -8.6730



159.8130, -5.4620, 32.9220



153.3890, 52.4080, -13.6720



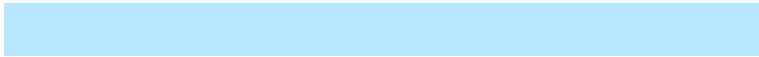
146.3110, -0.8190, -34.7310

Sweetspot

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



129.0700, -111.6410, -8.6730



219.6830, -35.7160, -2.5000



154.7070, -83.2450, -93.8130



106.0390, -22.0990, -1.4830



0.0000, 0.0000, 0.0000



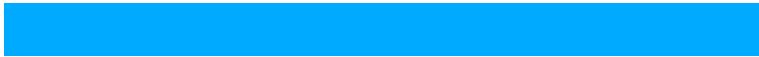
128.0000, -0.0000, -0.0000

Same Dimension

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



129.0700, -111.6410, -8.6730



129.4470, -128.8800, -10.1280



65.6740, -81.9410, 47.8110



114.0640, -6.0520, -0.4520



93.1770, -92.8890, -7.1050



28.6900, -28.4260, -2.4580

Inverse Universe

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



99.9510, 84.2080, 92.8800



95.7390, 97.0890, 107.2410



188.7390, 82.2160, -47.2880



112.5000, 4.5840, 5.0320



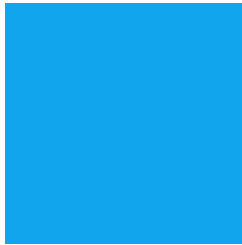
69.0380, 70.1810, 77.2610



21.0760, 21.1780, 23.6900

Previews

White Background



This preview shows how the YIQ color 129.0700, -111.6410, -8.6730 looks on a white background.

Color Contrast Check

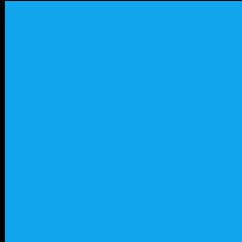
Large Text (above 18pt) WCAG AA × Fail

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 129.0700, -111.6410, -8.6730 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

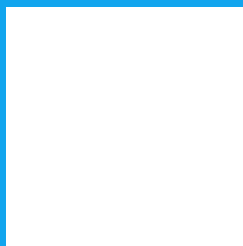
Any Text WCAG AAA ✓ Pass

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

YIQ 129.0700, -111.6410, -8.6730 Background



This preview shows how black text looks on a background with the YIQ color 129.0700, -111.6410, -8.6730.



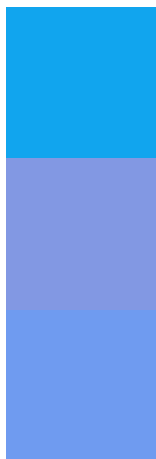
This preview shows how white text looks on a background with the YIQ color 129.0700, -111.6410, -8.6730.

-8.6730.

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

129.0700, -111.6410, -8.6730

Protanopia

153.9720, -37.1870, 18.6610

Deuteranopia

151.5340, -53.5090, 17.1070



Tritanopia

122.0540, -106.6850, -32.4210

Trichromacy



Original Color

129.0700, -111.6410, -8.6730

Protanomaly

145.1040, -64.2820, 8.5980

Deuteranomaly

143.6020, -74.5520, 7.4960

Tritanomaly

124.2530, -108.3830, -23.6710

Monochromacy



Original Color

129.0700, -111.6410, -8.6730

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9320, -40.8510, -3.0510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.0700, -111.6410, -8.6730 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(17, 165, 238)` looks like.

```
.text, #text, p{  
    color:rgb(17, 165, 238)  
}
```

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(17, 165, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 165, 238) }
```

Border

The CSS property to change the border of an element to YIQ 129.0700, -111.6410, -8.6730 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(17, 165, 238) }
```


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

```
.border{ border-color:rgb(17, 165, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 165, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 165, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 165, 238);  
box-shadow:4px 4px 4px 4px rgb(17, 165,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 129.0700, -111.6410, -8.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 165, 238) }
```

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

```
.background{ background-color: rgb(17, 165,  
238) }
```

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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