

Converting Colors

YIQ(118.7930, -100.1350,
3.0730)

Have a look what the booklet for
YIQ(118.7930, -100.1350, 3.0730)
contains.

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Color

**YIQ(118.7930, -100.1350,
3.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	1990EB
RGB	25, 144, 235
RGB Percent	10%, 56%, 92%
CMY	0.9021, 0.4351, 0.0789
CMYK	0.89, 0.39, 0.00, 0.08
HSL	206°, 84%, 51%
HSV	206°, 89%, 92%
XYZ	25.3585, 26.1590, 82.2196
YIQ	118.7930, -100.1350, 3.0730

Conversions

Conversions Part 2

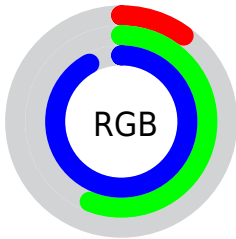
Format	Color
R_{YB}	25, 101, 235
Decimal	1675499
CIE Lab	58.19, 2.11, -54.21
CIE LCh	58, 54.256, 272.228
Yxy	26.1590, 0.1896, 0.1956
Android (android.graphics.Color)	4279865579 (0xFF1990EB)
YUV	118.7930, 57.2901, -82.2565
Hunter-Lab	51.1458, -1.0034, -59.5097

Details

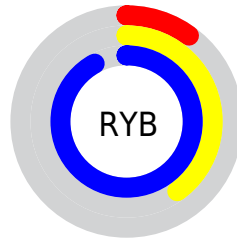
The YIQ color **118.7930, -100.1350, 3.0730** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **141.2070, 100.1350, -3.0730**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **178.1970, -69.2780, 0.0180**, and **75.5840, -83.3090, 6.5070** is the 20% darker color. If you saturate the color by 10%, you get **105.7470, -111.6890, 3.2150**, and if you desaturate by 10%, it is **131.5400, -89.1770, 2.7190**.

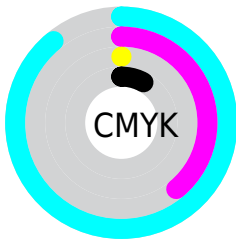
Distribution



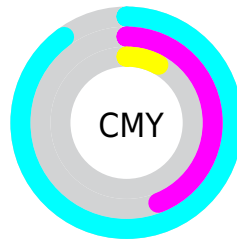
- Red (10%)
- Green (56%)
- Blue (92%)



- Red (10%)
- Yellow (40%)
- Blue (92%)



- Cyan (89%)
- Magenta (39%)
- Yellow (0%)
- Black (8%)



- Cyan (90%)
- Magenta (44%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.7930, -100.1350, 3.0730 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 118.7930, -100.1350, 3.0730 by changing the saturation by 10% instead.

■ 118.7930,
-100.1350, 3.0730

■ 118.7930,
-100.1350, 3.0730

■ 255.0000, -0.0000,
-0.0000

■ 93.3370, -98.8510,
1.8290

■ 178.1970,
-69.2780, 0.0180

■ 75.4700, -82.9880,
6.1960

■ 204.5000,
-57.3100, -7.6300

■ 58.8910, -67.9960,
9.8280

■ 230.7920,
-46.8090, -16.2250

■ 43.6000, -53.8750,
12.7250

■ 240.6480,
-28.6080, -10.1760

■ 28.8960, -40.0290,
15.0990

■ 250.2160, -9.5360,
-3.3920

■ 13.8330, -26.5500,
18.6180

■ 8.1620, -17.4710,

13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 118.7930,
-100.1350, 3.0730

■ 118.7930,
-100.1350, 3.0730

■ 105.7470,
-111.6890, 3.2150

■ 131.5400,
-89.1770, 2.7190

■ 104.8610,
-112.0100, 3.5260

■ 144.5860,
-77.6230, 2.5770

■ 157.9200,
-66.9400, 1.7000

■ 170.9660,
-55.3860, 1.5580

■ 183.7130,
-44.4280, 1.2040

■ 196.7590,
-32.8740, 1.0620

■ 209.5060,
-21.9160, 0.7080

■ 222.5520,
-10.3620, 0.5660

■ 235.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



116.9940, -114.4830, -12.2350



118.7930, -100.1350, 3.0730



142.8100, -18.5750, 33.7850

Triad

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



118.7930, -100.1350, 3.0730



137.6260, 75.0510, 22.0190



115.2970, -50.9300, -46.1780

Complementary

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



118.7930, -100.1350, 3.0730



141.2070, 100.1350, -3.0730

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.



129.1670, 8.2140, -38.7460



118.7930, -100.1350, 3.0730



136.9830, 68.5910, -4.0890

Square

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



118.7930, -100.1350, 3.0730



139.3590, 63.4020, 40.4100



134.1350, 46.7710, -27.1570



111.8690, -90.4070, -41.0870

Rectangle

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



118.7930, -100.1350, 3.0730



144.0440, 16.1770, 42.7450



134.1350, 46.7710, -27.1570



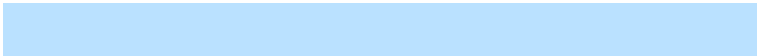
122.3940, -26.2180, -42.4900

Sweetspot

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



118.7930, -100.1350, 3.0730



216.7590, -32.8740, 1.0620



158.1880, -85.6770, -82.7730



105.1750, -19.4860, 0.7220



0.0000, 0.0000, 0.0000



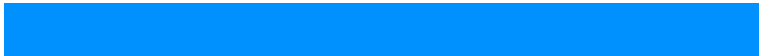
128.0000, -0.0000, -0.0000

Same Dimension

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



118.7930, -100.1350, 3.0730



114.1850, -121.7300, 3.4700



58.9190, -72.0850, 56.4190



110.7760, -5.1810, 0.2830



81.0950, -86.4260, 2.4220



23.7660, -25.5840, 1.1040

Inverse Universe

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



101.3560, 86.9610, 81.5290



92.7750, 105.4350, 99.1550



200.4940, 72.3600, -55.8960



109.9730, 4.6300, 4.1980



65.8610, 74.8130, 70.4050



19.5660, 22.5540, 20.7780

Previews

White Background



This preview shows how the YIQ color 118.7930, -100.1350, 3.0730 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 118.7930, -100.1350, 3.0730 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

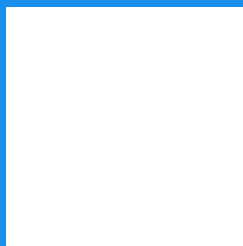
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 118.7930, -100.1350, 3.0730

Background



This preview shows how black text looks on a background with the YIQ color 118.7930, -100.1350, 3.0730.

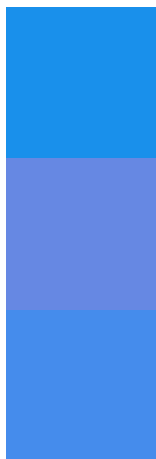


This preview shows how white text looks on a background with the YIQ color 118.7930, -100.1350,

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

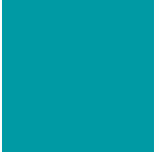
118.7930, -100.1350, 3.0730

Protanopia

136.2080, -49.4750, 21.0930

Deuteranopia

129.7150, -73.1320, 14.8040



Tritanopia

109.2080, -95.3150, -29.2270

Trichromacy



Original Color

118.7930, -100.1350, 3.0730

Protanomaly

129.9390, -67.9510, 14.5210

Deuteranomaly

125.5180, -82.9430, 10.8890

Tritanomaly

112.4010, -96.8760, -17.4520

Monochromacy



Original Color

118.7930, -100.1350, 3.0730

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9050, -36.2210, 1.1470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.7930, -100.1350, 3.0730 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(25, 144, 235)` looks like.

```
.text, #text, p{  
    color:rgb(25, 144, 235)  
}
```

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(25, 144, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 144, 235) }
```

Border

The CSS property to change the border of an element to YIQ 118.7930, -100.1350, 3.0730 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(25, 144, 235) }
```


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

```
.border{ border-color:rgb(25, 144, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 144, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 144, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 144, 235);  
box-shadow:4px 4px 4px 4px rgb(25, 144,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 118.7930, -100.1350, 3.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 144, 235) }
```

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

```
.background{ background-color: rgb(25, 144,  
235) }
```

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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