

Converting Colors

YIQ(126.7560, -98.7130,
-0.6730)

Have a look what the booklet for
YIQ(126.7560, -98.7130, -0.6730)
contains.

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Color

**YIQ(126.7560, -98.7130,
-0.6730)**

Conversions

Conversions Part 1

Format	Color
Hex	209AEB
RGB	32, 154, 235
RGB Percent	13%, 60%, 92%
CMY	0.8747, 0.3959, 0.0789
CMYK	0.86, 0.34, 0.00, 0.08
HSL	204°, 83%, 52%
HSV	204°, 86%, 92%
XYZ	27.1365, 29.4258, 82.7590
YIQ	126.7560, -98.7130, -0.6730

Conversions

Conversions Part 2

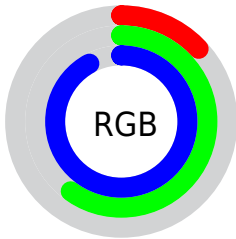
Format	Color
R _Y B	32, 108, 235
Decimal	2136811
CIE Lab	61.16, -3.33, -49.50
CIE LCh	61, 49.607, 266.151
Yxy	29.4258, 0.1948, 0.2112
Android (android.graphics.Color)	4280326891 (0xFF209AEB)
YUV	126.7560, 53.3643, -83.1010
Hunter-Lab	54.2455, -5.6344, -52.4832

Details

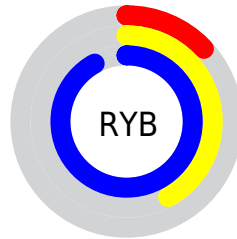
The YIQ color **126.7560, -98.7130, -0.6730** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **140.2440, 98.7130, 0.6730**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5510, -70.5150, -5.0990**, and **80.8670, -85.7840, 1.8000** is the 20% darker color. If you saturate the color by 10%, you get **114.2970, -110.5420, -1.0540**, and if you desaturate by 10%, it is **138.9160, -87.4800, -0.5040**.

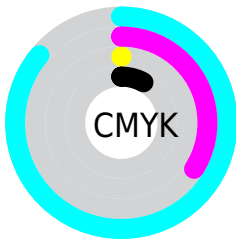
Distribution



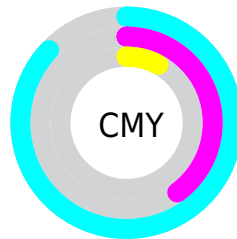
- Red (13%)
- Green (60%)
- Blue (92%)



- Red (13%)
- Yellow (42%)
- Blue (92%)



- Cyan (86%)
- Magenta (34%)
- Yellow (0%)
- Black (8%)



- Cyan (87%)
- Magenta (40%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.7560, -98.7130, -0.6730 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 126.7560, -98.7130, -0.6730 by changing the saturation by 10% instead.

■ 126.7560,
-98.7130, -0.6730

■ 126.7560,
-98.7130, -0.6730

■ 255.0000, -0.0000,
-0.0000

■ 98.6200,
-101.3260, -2.8780

■ 185.5510,
-70.5150, -5.0990

■ 80.8670, -85.7840,
1.8000

■ 211.5550,
-59.1430, -12.9590

■ 64.1740, -70.4710,
5.1210

■ 231.9770,
-45.8920, -16.3240

■ 47.7090, -55.8000,
9.0640

■ 241.5450,
-26.8200, -9.5400

■ 33.1190, -42.2750,
11.7490

■ 250.8140, -8.3440,
-2.9680

■ 17.3550, -28.2000,
15.4800

■ 8.2760, -17.7920,

14.0800

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,
0.0000

■ 126.7560,
-98.7130, -0.6730

■ 126.7560,
-98.7130, -0.6730

■ 114.2970,
-110.5420, -1.0540

■ 138.9160,
-87.4800, -0.5040

■ 109.5570,
-114.2100, -0.6580

■ 151.9620,
-75.9260, -0.6460

■ 164.1220,
-64.6930, -0.4770

■ 176.5810,
-52.8640, -0.0960

■ 189.3280,
-41.9060, -0.4500

■ 201.7870,
-30.0770, -0.0690

■ 214.5340,
-19.1190, -0.4230

■ 226.9930, -7.2900,
-0.0420

■ 239.1530, 3.9430,
0.1270

Harmonies

Analogous

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



121.3480, -115.7200, -17.3520



126.7560, -98.7130, -0.6730



148.9290, -26.4600, 28.0040

Triad

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



126.7560, -98.7130, -0.6730



147.1570, 69.1820, 23.7580



131.5340, -29.4280, -39.3800

Complementary

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



126.7560, -98.7130, -0.6730



140.2440, 98.7130, 0.6730

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.



139.6350, 15.8240, -33.4880



126.7560, -98.7130, -0.6730



145.8890, 66.1600, 1.4240

Square

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



126.7560, -98.7130, -0.6730



149.5150, 54.0950, 38.3750



143.2480, 48.1910, -19.8490



115.1630, -91.4150, -44.8470

Rectangle

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



126.7560, -98.7130, -0.6730



151.9070, 6.1370, 37.4730



143.2480, 48.1910, -19.8490



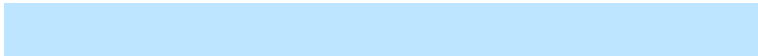
135.1570, -12.1890, -37.9250

Sweetspot

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



126.7560, -98.7130, -0.6730



220.0040, -32.1860, -0.3940



160.0530, -80.8630, -81.9110



106.6480, -19.4400, -0.1120



0.0000, 0.0000, 0.0000



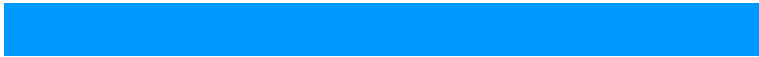
128.0000, -0.0000, -0.0000

Same Dimension

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



126.7560, -98.7130, -0.6730



118.8810, -123.9300, -0.7140



69.2300, -71.7630, 50.5810



111.3630, -5.4560, -0.2400



84.6170, -88.0760, -0.7160



24.9400, -26.1340, 0.0580

Inverse Universe

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



106.6050, 81.8260, 80.9780



93.6870, 102.8670, 101.6430



197.7700, 71.7630, -50.5810



110.0870, 4.3090, 4.5090



66.5450, 72.8870, 72.2710



19.7940, 21.9120, 21.4000

Previews

White Background



This preview shows how the YIQ color 126.7560, -98.7130, -0.6730 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 126.7560, -98.7130, -0.6730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

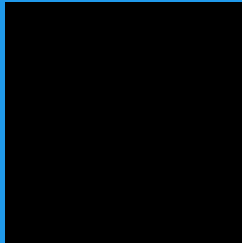
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

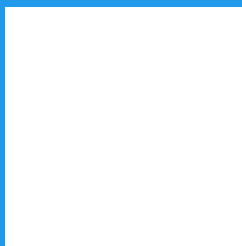
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 126.7560, -98.7130, -0.6730

Background



This preview shows how black text looks on a background with the YIQ color 126.7560, -98.7130, -0.6730.



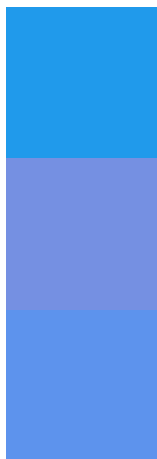
This preview shows how white text looks on a background with the YIQ color 126.7560, -98.7130,

-0.6730.

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

126.7560, -98.7130, -0.6730

Protanopia

145.2750, -42.4140, 19.7780

Deuteranopia

141.1140, -61.0740, 16.5420



Tritanopia

115.6310, -101.0000, -30.8240

Trichromacy



Original Color

126.7560, -98.7130, -0.6730

Protanomaly

138.6960, -62.9530, 12.0470

Deuteranomaly

136.1830, -74.6900, 9.9980

Tritanomaly

119.9660, -100.0850, -19.8690

Monochromacy



Original Color

126.7560, -98.7130, -0.6730

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8510, -36.1290, -0.5210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.7560, -98.7130, -0.6730 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(32, 154, 235)` looks like.

```
.text, #text, p{  
    color:rgb(32, 154, 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(32, 154, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 154, 235) }
```

Border

The CSS property to change the border of an element to YIQ 126.7560, -98.7130, -0.6730 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(32, 154, 235) }
```


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

```
.border{ border-color:rgb(32, 154, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 154, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 154, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 154, 235);  
box-shadow:4px 4px 4px 4px rgb(32, 154,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 126.7560, -98.7130, -0.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 154, 235) }
```

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

```
.background{ background-color: rgb(32, 154,  
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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