

Converting Colors

YIQ(126.9650, -106.3710,
5.9570)

Have a look what the booklet for
YIQ(126.9650, -106.3710, 5.9570)
contains.

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Color

**YIQ(126.9650, -106.3710,
5.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	1D98FF
RGB	29, 152, 255
RGB Percent	11%, 60%, 100%
CMY	0.8864, 0.4037, 0.0005
CMYK	0.89, 0.40, 0.00, 0.00
HSL	207°, 100%, 56%
HSV	207°, 89%, 100%
XYZ	29.7711, 29.9455, 98.7107
YIQ	126.9650, -106.3710, 5.9570

Conversions

Conversions Part 2

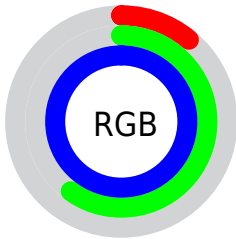
Format	Color
R _Y B	29, 109, 255
Decimal	1939711
CIE Lab	61.61, 5.05, -59.76
CIE LCh	62, 59.975, 274.831
Yxy	29.9455, 0.1879, 0.1890
Android (android.graphics.Color)	4280129791 (0xFF1D98FF)
YUV	126.9650, 63.1213, -85.9153
Hunter-Lab	54.7225, 1.3466, -68.6441

Details

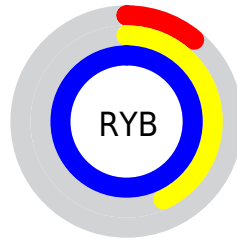
The YIQ color **126.9650, -106.3710, 5.9570** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **157.0350, 106.3710, -5.9570**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.2740, -68.1770, -3.4170**, and **82.4460, -91.6080, 8.2320** is the 20% darker color. If you saturate the color by 10%, you get **112.1470, -118.5670, 6.7210**, and if you desaturate by 10%, it is **141.4840, -94.7710, 4.9810**.

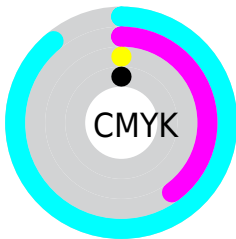
Distribution



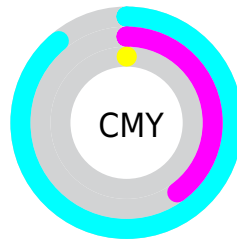
- Red (11%)
- Green (60%)
- Blue (100%)



- Red (11%)
- Yellow (43%)
- Blue (100%)



- Cyan (89%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.9650, -106.3710, 5.9570 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 126.9650, -106.3710, 5.9570 by changing the saturation by 10% instead.

■ 126.9650,
-106.3710, 5.9570

■ 126.9650,
-106.3710, 5.9570

■ 255.0000, -0.0000,
-0.0000

■ 99.7260,
-107.1960, 4.3880

■ 185.2740,
-68.1770, -3.4170

■ 82.3320, -91.2870,
7.9210

■ 211.5770,
-56.2090, -11.0650

■ 65.7530, -76.2950,
11.5530

■ 233.7710,
-42.3160, -15.0520

■ 49.7610, -61.5780,
14.6620

■ 243.0400,
-23.8400, -8.4800

■ 34.9430, -47.4110,
16.7250

■ 252.6080, -4.7680,
-1.6960

■ 19.1790, -33.3360,
20.4560

■ 11.7470, -23.4320,

17.1760

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 126.9650,
-106.3710, 5.9570

■ 126.9650,
-106.3710, 5.9570

■ 112.1470,
-118.5670, 6.7210

■ 141.4840,
-94.7710, 4.9810

■ 110.6630,
-120.0800, 6.6080

■ 155.7150,
-82.3000, 4.7400

■ 170.2340,
-70.7000, 3.7640

■ 184.4650,
-58.2290, 3.5230

■ 198.9840,
-46.6290, 2.5470

■ 213.8020,
-34.4330, 1.7830

■ 227.7340,
-22.5580, 1.3300

■ 242.5520,
-10.3620, 0.5660

255.0000, -0.0000,
-0.0000

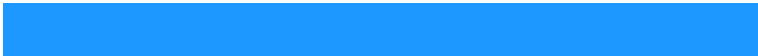
Harmonies

Analogous

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



125.2580, -123.9740, -10.9340



126.9650, -106.3710, 5.9570



152.2390, -15.2290, 39.2270

Triad

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



126.9650, -106.3710, 5.9570



145.2310, 83.5330, 22.4850



111.8910, -79.4460, -58.0220

Complementary

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



126.9650, -106.3710, 5.9570



157.0350, 106.3710, -5.9570

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.



135.6240, 5.1890, -44.4990



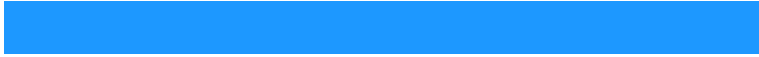
126.9650, -106.3710, 5.9570



144.6970, 75.1480, -7.2840

Square

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



126.9650, -106.3710, 5.9570



146.6700, 72.8920, 44.6360



141.0010, 49.8440, -33.2920



119.9220, -97.9260, -42.4860

Rectangle

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



126.9650, -106.3710, 5.9570



152.5550, 22.2280, 48.7240



141.0010, 49.8440, -33.2920



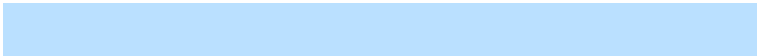
127.0180, -37.0830, -49.3310

Sweetspot

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



126.9650, -106.3710, 5.9570



216.1720, -32.5990, 1.5850



173.2900, -94.8920, -86.4760



104.5880, -19.2110, 1.2450



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.



126.9650, -106.3710, 5.9570



110.6630, -120.0800, 6.6080



61.2210, -75.5710, 64.5330



120.5910, -6.0980, 0.3820



82.8220, -89.9110, 5.0090



27.8410, -30.1690, 1.5990

Inverse Universe

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



110.5960, 95.2130, 86.1650



92.0910, 107.3610, 97.2890



222.7790, 75.5710, -64.5330



119.6850, 5.5010, 4.9330



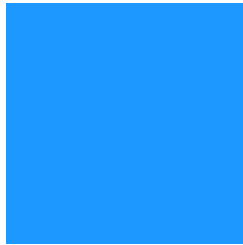
68.9650, 80.4520, 72.8360



23.1260, 26.9090, 24.4530

Previews

White Background



This preview shows how the YIQ color 126.9650, -106.3710, 5.9570 looks on a white background.

Color Contrast Check

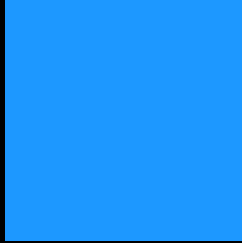
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.9650, -106.3710, 5.9570 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

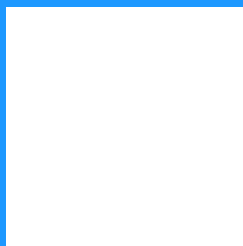
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 126.9650, -106.3710, 5.9570

Background



This preview shows how black text looks on a background with the YIQ color 126.9650, -106.3710, 5.9570.



This preview shows how white text looks on a background with the YIQ color 126.9650, -106.3710,

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

126.9650, -106.3710, 5.9570

Protanopia

143.7820, -56.9030, 23.5530

Deuteranopia

135.3700, -85.2820, 14.7340



Tritanopia

116.3320, -101.5960, -31.0360

Trichromacy



Original Color

126.9650, -106.3710, 5.9570

Protanomaly

137.8120, -74.7830, 17.1930

Deuteranomaly

132.3690, -92.7090, 11.6670

Tritanomaly

120.5790, -103.2490, -17.5930

Monochromacy



Original Color

126.9650, -106.3710, 5.9570

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.7630, -38.6970, 1.9670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.9650, -106.3710, 5.9570 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(29, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(29, 152, 255)  
}
```

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(29, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 152, 255) }
```

Border

The CSS property to change the border of an element to YIQ 126.9650, -106.3710, 5.9570 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(29, 152, 255) }
```


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

```
.border{ border-color:rgb(29, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(29, 152,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 126.9650, -106.3710, 5.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 152, 255) }
```

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

```
.background{ background-color: rgb(29, 152,  
255) }
```

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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