

Converting Colors

YIQ(122.4030, -125.5800,
-3.8520)

Have a look what the booklet for
YIQ(122.4030, -125.5800, -3.8520)
contains.

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Color

**YIQ(122.4030, -125.5800,
-3.8520)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 009FFF |
| RGB | 0, 159, 255 |
| RGB Percent | 0%, 62%, 100% |
| CMY | 0.9997, 0.3762, 0.0006 |
| CMYK | 1.00, 0.38, 0.00, 0.00 |
| HSL | 203°, 100%, 50% |
| HSV | 203°, 100%, 100% |
| XYZ | 30.4362, 32.0300, 99.0628 |
| YIQ | 122.4030, -125.5800, -3.8520 |

Conversions

Conversions Part 2

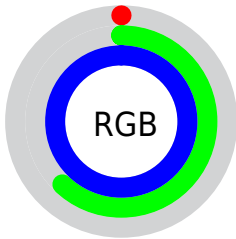
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 98, 255 |
| Decimal | 40959 |
| CIELab | 63.37, -0.03, -56.96 |
| CIELCh | 63, 56.956, 269.972 |
| Yxy | 32.0300, 0.1884, 0.1983 |
| Android (android.graphics.Color) | 4278231039 (0xFF009FFF) |
| YUV | 122.4030, 65.3703, -107.3474 |
| Hunter-Lab | 56.5950, -3.0460, -64.1635 |

Details

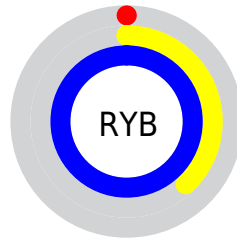
The YIQ color **122.4030, -125.5800, -3.8520** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **132.5970, 125.5800, 3.8520**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **187.5890, -73.6780, -8.3500**, and **85.9680, -93.2580, 5.0940** is the 20% darker color. If you saturate the color by 10%, you get **122.4030, -125.5800, -3.8520**, and if you desaturate by 10%, it is **136.0470, -112.8340, -3.5700**.

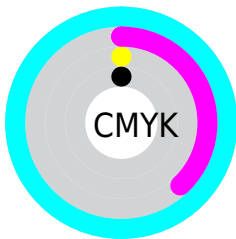
Distribution



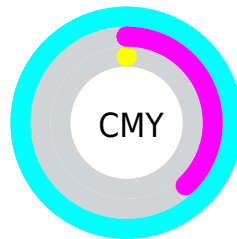
- Red (0%)
- Green (62%)
- Blue (100%)



- Red (0%)
- Yellow (38%)
- Blue (100%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.4030, -125.5800, -3.8520 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 122.4030, -125.5800, -3.8520 by changing the saturation by 10% instead.

■ 122.4030,
-125.5800, -3.8520

■ 122.4030,
-125.5800, -3.8520

■ 255.0000, -0.0000,
-0.0000

■ 103.8350,
-109.1210, 0.7270

■ 187.5890,
-73.6780, -8.3500

■ 85.8540, -92.9370,
4.7830

■ 214.7780,
-61.3890, -16.3090

■ 69.2750, -77.9450,
8.4150

■ 232.2760,
-45.2960, -16.1120

■ 52.6960, -62.9530,
12.0470

■ 241.8440,
-26.2240, -9.3280

■ 37.4050, -48.8320,
14.9440

■ 251.4120, -7.1520,
-2.5440

■ 22.7010, -34.9860,
17.3180

■ 11.7470, -23.4320,

17.1760

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 122.4030,
-125.5800, -3.8520

■ 136.0470,
-112.8340, -3.5700

■ 148.8050,
-100.4090, -2.9770

■ 162.4490,
-87.6630, -2.6950

■ 175.2070,
-75.2380, -2.1020

■ 188.8510,
-62.4920, -1.8200

■ 202.1960,
-50.3420, -1.7500

■ 214.9540,
-37.9170, -1.1570

■ 228.5980,
-25.1710, -0.8750

■ 241.3560,
-12.7460, -0.2820

Harmonies

Analogous

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



128.4380, -124.6610, -15.0050



122.4030, -125.5800, -3.8520



155.8140, -24.3980, 34.6900

Triad

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



122.4030, -125.5800, -3.8520



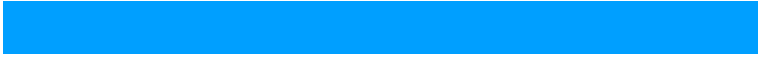
151.0720, 79.7270, 25.3830



130.2820, -46.5740, -48.0300

Complementary

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



122.4030, -125.5800, -3.8520



132.5970, 125.5800, 3.8520

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.



142.4510, 13.1660, -40.3860



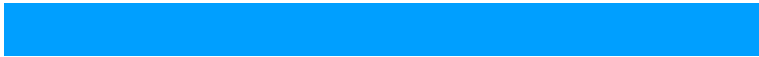
122.4030, -125.5800, -3.8520



150.6740, 73.9550, -2.1810

Square

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



122.4030, -125.5800, -3.8520



153.2500, 65.3270, 44.0710



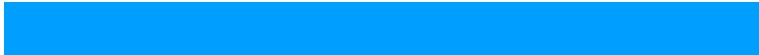
147.7720, 52.2270, -26.9170



121.8140, -97.7420, -45.8220

Rectangle

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



122.4030, -125.5800, -3.8520



158.1300, 13.0590, 44.1870



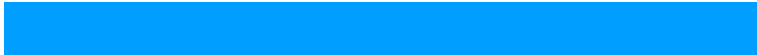
147.7720, 52.2270, -26.9170



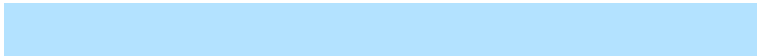
136.6670, -22.7330, -45.0770

Sweetspot

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



122.4030, -125.5800, -3.8520



215.2530, -37.3210, -0.9450



160.2870, -99.9780, -104.4420



103.6800, -22.4660, -0.3380



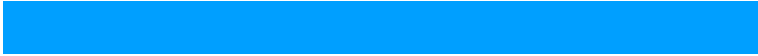
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



122.4030, -125.5800, -3.8520



49.0280, -91.2050, 61.5230



121.1780, -6.3730, -0.1410



91.6270, -94.0360, -2.8360



30.7760, -31.5440, -1.0160

Inverse Universe

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



94.3710, 100.9410, 103.5090



205.9720, 91.2050, -61.5230



119.7990, 5.1800, 5.2440



70.6750, 75.6370, 77.5010



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 122.4030, -125.5800, -3.8520 looks on a white background.

Color Contrast Check

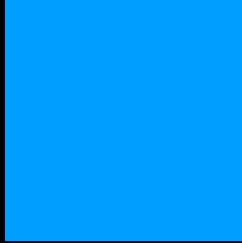
Large Text (above 18pt) WCAG AA × Fail

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 122.4030, -125.5800, -3.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

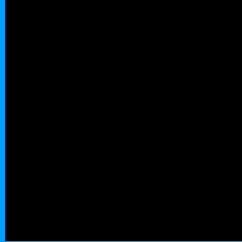
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

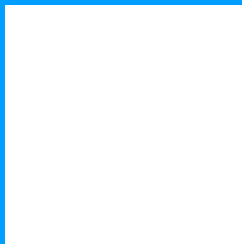
Any Text WCAG AAA ✓ Pass

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

YIQ 122.4030, -125.5800, -3.8520 Background



This preview shows how black text looks on a background with the YIQ color 122.4030, -125.5800, -3.8520.



This preview shows how white text looks on a background with the YIQ color 122.4030, -125.5800, -3.8520.

-3.8520.

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

122.4030, -125.5800, -3.8520

Protanopia

149.8920, -51.4010, 22.9590

Deuteranopia

143.9860, -75.3330, 16.1470



Tritanopia

119.8370, -104.5760, -32.0960

Trichromacy



Original Color

122.4030, -125.5800, -3.8520

Protanomaly

140.0240, -78.4960, 12.8960

Deuteranomaly

136.1900, -93.7630, 8.7410

Tritanomaly

120.5670, -112.1430, -21.6070

Monochromacy



Original Color

122.4030, -125.5800, -3.8520

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.9470, -45.2070, -1.1990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.4030, -125.5800, -3.8520 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(0, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 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(0, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 255) }
```

Border

The CSS property to change the border of an element to YIQ 122.4030, -125.5800, -3.8520 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(0, 159, 255) }
```

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

```
.border{ border-color:rgb(0, 159, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 159, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 122.4030, -125.5800, -3.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 255) }
```

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

```
.background{ background-color: rgb(0, 159,  
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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