

Converting Colors

YIQ(120.3340, -121.1320,
-7.3720)

Have a look what the booklet for
YIQ(120.3340, -121.1320, -7.3720)
contains.

YIQ(120.3340, -121.1320, -7.3720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(120.3340, -121.1320,
-7.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	009EF2
RGB	0, 158, 242
RGB Percent	0%, 62%, 95%
CMY	0.9997, 0.3801, 0.0515
CMYK	1.00, 0.35, 0.00, 0.05
HSL	201°, 100%, 47%
HSV	201°, 100%, 95%
XYZ	28.2443, 30.8789, 88.3664
YIQ	120.3340, -121.1320, -7.3720

Conversions

Conversions Part 2

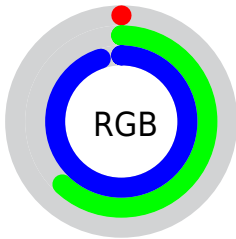
Format	Color
RYB	0, 96, 242
Decimal	40690
CIELab	62.41, -4.30, -51.37
CIELCh	62, 51.552, 265.220
Yxy	30.8789, 0.1915, 0.2094
Android (android.graphics.Color)	4278230770 (0xFF009EF2)
YUV	120.3340, 59.9813, -105.5329
Hunter-Lab	55.5688, -6.5179, -55.3858

Details

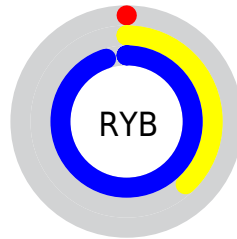
The YIQ color **120.3340, -121.1320, -7.3720** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **121.6660, 121.1320, 7.3720**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.1050, -75.1910, -8.4630**, and **83.8990, -88.8100, 1.5740** is the 20% darker color. If you saturate the color by 10%, you get **120.3340, -121.1320, -7.3720**, and if you desaturate by 10%, it is **132.2060, -109.0280, -6.4680**.

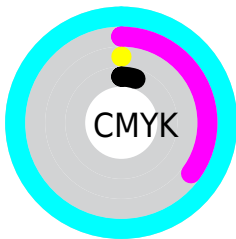
Distribution



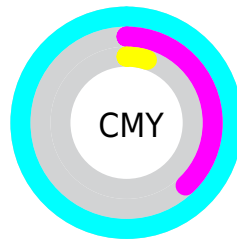
- Red (0%)
- Green (62%)
- Blue (95%)



- Red (0%)
- Yellow (38%)
- Blue (95%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (38%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.3340, -121.1320, -7.3720 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 120.3340, -121.1320, -7.3720 by changing the saturation by 10% instead.

■ 120.3340,
-121.1320, -7.3720

■ 120.3340,
-121.1320, -7.3720

■ 255.0000, -0.0000,
-0.0000

■ 101.7660,
-104.6730, -2.7930

■ 186.1050,
-75.1910, -8.4630

■ 83.8990, -88.8100,
1.5740

■ 212.9950,
-63.4980, -16.6340

■ 66.7330, -73.5430,
5.7290

■ 231.0800,
-47.6800, -16.9600

■ 50.7410, -58.8260,
8.8380

■ 240.3490,
-29.2040, -10.3880

■ 35.5640, -45.0260,
12.0460

■ 249.9170,
-10.1320, -3.6040

■ 20.9740, -31.5010,
14.7310

■ 9.4330, -19.6720,

15.1120

■ 5.1640, -11.7850,
9.8390

■ 1.0260, -2.8890,
2.7990

■ 120.3340,
-121.1320, -7.3720

■ 132.2060,
-109.0280, -6.4680

■ 144.6650,
-97.1990, -6.0870

■ 156.8360,
-84.4990, -4.9710

■ 169.2950,
-72.6700, -4.5900

■ 181.1670,
-60.5660, -3.6860

■ 193.0390,
-48.4620, -2.7820

■ 205.4980,
-36.6330, -2.4010

■ 217.6690,
-23.9330, -1.2850

■ 230.1280,
-12.1040, -0.9040

Harmonies

Analogous

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



124.8530, -118.7000, -18.4120



120.3340, -121.1320, -7.3720



152.1890, -30.1280, 28.4000

Triad

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



120.3340, -121.1320, -7.3720



150.2930, 71.7950, 25.9630



134.3660, -29.0150, -41.3590

Complementary

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



120.3340, -121.1320, -7.3720



121.6660, 121.1320, 7.3720

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.



142.3640, 18.0250, -34.8310



120.3340, -121.1320, -7.3720



149.2700, 69.4610, 2.1730

Square

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



120.3340, -121.1320, -7.3720



152.4660, 55.7910, 40.6790



146.6890, 51.2630, -20.4570



117.7390, -93.1570, -46.3170

Rectangle

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



120.3340, -121.1320, -7.3720



155.3630, 4.8530, 38.7170



146.6890, 51.2630, -20.4570



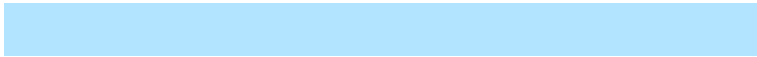
137.5160, -11.8220, -39.0700

Sweetspot

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



120.3340, -121.1320, -7.3720



216.4270, -37.8710, -1.9910



151.2880, -92.5510, -101.3750



104.8540, -23.0160, -1.3840



0.0000, 0.0000, 0.0000



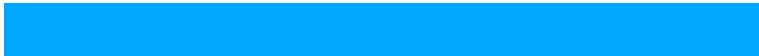
128.0000, -0.0000, -0.0000

Same Dimension

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



120.3340, -121.1320, -7.3720



127.0990, -127.7800, -8.0360



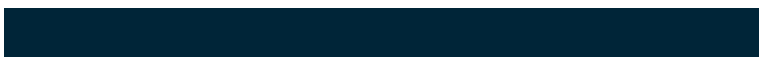
51.0680, -88.6820, 54.3420



114.0640, -6.0520, -0.4520



91.4160, -92.0640, -5.5360



28.1030, -28.1510, -1.9350

Inverse Universe

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



90.3700, 93.5140, 100.4420



95.2830, 98.3730, 105.9970



190.9320, 88.6820, -54.3420



112.5000, 4.5840, 5.0320



68.6960, 71.1440, 76.3280



20.9620, 21.4990, 23.3790

Previews

White Background



This preview shows how the YIQ color 120.3340, -121.1320, -7.3720 looks on a white background.

Color Contrast Check

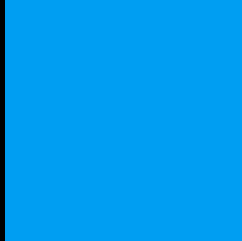
Large Text (above 18pt) WCAG AA × Fail

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 120.3340, -121.1320, -7.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

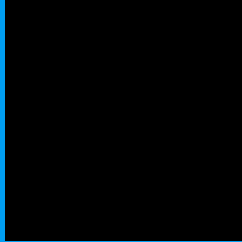
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

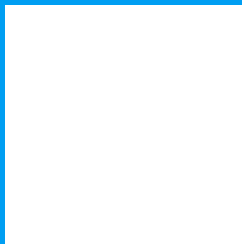
Any Text WCAG AAA ✓ Pass

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

YIQ 120.3340, -121.1320, -7.3720 Background



This preview shows how black text looks on a background with the YIQ color 120.3340, -121.1320, -7.3720.



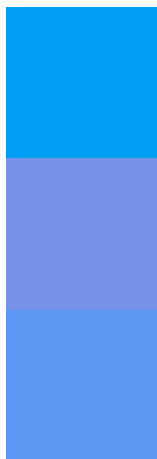
This preview shows how white text looks on a background with the YIQ color 120.3340, -121.1320, -7.3720.

-7.3720.

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

120.3340, -121.1320, -7.3720

Protanopia

148.3180, -43.9730, 20.4990

Deuteranopia

144.2600, -64.4210, 16.6270



Tritanopia

118.4350, -103.3840, -31.6720

Trichromacy



Original Color

120.3340, -121.1320, -7.3720

Protanomaly

138.2650, -71.9850, 10.5350

Deuteranomaly

135.7410, -85.1890, 7.5390

Tritanomaly

119.2960, -109.9420, -22.9500

Monochromacy



Original Color

120.3340, -121.1320, -7.3720

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.0780, -44.1980, -2.9660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.3340, -121.1320, -7.3720 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, 158, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 242)  
}
```

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, 158, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 242) }
```

Border

The CSS property to change the border of an element to YIQ 120.3340, -121.1320, -7.3720 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, 158, 242) }
```


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

```
.border{ border-color:rgb(0, 158, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 120.3340, -121.1320, -7.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 242) }
```

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

```
.background{ background-color: rgb(0, 158,  
242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor