

Converting Colors

YIQ(99.8690, -114.4880,
15.4000)

Have a look what the booklet for
YIQ(99.8690, -114.4880, 15.4000)
contains.

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Color

**YIQ(99.8690, -114.4880,
15.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	0079FD
RGB	0, 121, 253
RGB Percent	0%, 47%, 99%
CMY	0.9997, 0.5253, 0.0084
CMYK	1.00, 0.52, 0.00, 0.01
HSL	211°, 100%, 50%
HSV	211°, 100%, 99%
XYZ	24.5506, 20.7700, 95.5250
YIQ	99.8690, -114.4880, 15.4000

Conversions

Conversions Part 2

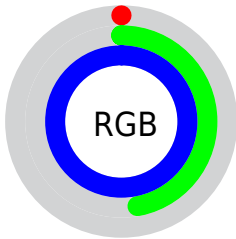
Format	Color
R _{YB}	0, 82, 253
Decimal	31229
CIE Lab	52.70, 22.32, -73.02
CIE LCh	53, 76.354, 286.998
Yxy	20.7700, 0.1743, 0.1475
Android (android.graphics.Color)	4278221309 (0xFF0079FD)
YUV	99.8690, 75.4936, -87.5851
Hunter-Lab	45.5741, 16.4026, -92.3722

Details

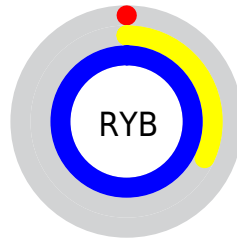
The YIQ color **99.8690, -114.4880, 15.4000** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **153.1310, 114.4880, -15.4000**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1090, -62.6780, 12.5700**, and **65.6680, -82.9450, 21.9430** is the 20% darker color. If you saturate the color by 10%, you get **99.8690, -114.4880, 15.4000**, and if you desaturate by 10%, it is **114.9750, -103.1630, 13.9010**.

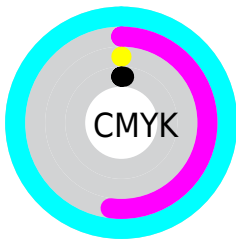
Distribution



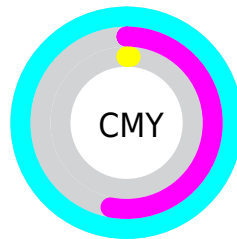
- Red (0%)
- Green (47%)
- Blue (99%)



- Red (0%)
- Yellow (32%)
- Blue (99%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (53%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.8690, -114.4880, 15.4000 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 99.8690, -114.4880, 15.4000 by changing the saturation by 10% instead.

■ 99.8690,
-114.4880, 15.4000

■ 99.8690,
-114.4880, 15.4000

■ 255.0000, -0.0000,
-0.0000

■ 82.4750, -98.5790,
18.9330

■ 164.1090,
-62.6780, 12.5700

■ 65.6680, -82.9450,
21.9430

■ 190.1240,
-49.8390, 5.6570

■ 50.1490, -68.1820,
24.2180

■ 215.8400,
-37.5960, -1.4680

■ 35.9180, -54.2900,
25.7580

■ 241.8440,
-26.2240, -9.3280

■ 20.6270, -40.1690,
28.6550

■ 251.4120, -7.1520,
-2.5440

■ 17.6630, -31.8230,
20.5690

■ 11.4050, -22.4690,

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 99.8690,
-114.4880, 15.4000

■ 114.9750,
-103.1630, 13.9010

■ 130.3800,
-91.2420, 12.6140

■ 146.0730,
-80.1920, 10.5920

■ 161.1790,
-68.8670, 9.0930

■ 176.5840,
-56.9460, 7.8060

■ 191.6900,
-45.6210, 6.3070

■ 206.7960,
-34.2960, 4.8080

■ 222.4890,
-23.2460, 2.7860

■ 237.8940,
-11.3250, 1.4990

Harmonies

Analogous

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



112.4240, -120.9050, 5.0390



99.8690, -114.4880, 15.4000



127.4200, 9.8470, 58.3510

Triad

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



99.8690, -114.4880, 15.4000



115.2200, 99.2610, 12.7730



99.9400, -71.9740, -50.2620

Complementary

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



99.8690, -114.4880, 15.4000



153.1310, 114.4880, -15.4000

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.



90.3310, -40.2430, -69.1630



99.8690, -114.4880, 15.4000



118.3680, 74.0960, -21.2640

Square

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



99.8690, -114.4880, 15.4000



107.1900, 101.0870, 56.7910



113.9400, 33.4780, -45.0660



108.8660, -94.3520, -30.1600

Rectangle

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



99.8690, -114.4880, 15.4000



119.4980, 53.9060, 69.3460



113.9400, 33.4780, -45.0660



96.7310, -64.3160, -56.8920

Sweetspot

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



99.8690, -114.4880, 15.4000



208.7960, -34.2960, 4.8080



163.4450, -111.6260, -91.5780



100.1580, -20.8160, 2.8000



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.



99.8690, -114.4880, 15.4000



100.6840, -115.4050, 15.4990



30.0380, -78.8290, 79.5310



120.0040, -5.8230, 0.9050



75.7780, -86.6110, 11.2850



25.4930, -29.0690, 3.6910

Inverse Universe

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



89.4410, 111.9470, 91.2670



90.1530, 112.8180, 92.0020



222.9620, 78.8290, -79.5310



119.5710, 5.8220, 4.6220



67.5970, 84.3040, 69.1040



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 99.8690, -114.4880, 15.4000 looks on a white background.

Color Contrast Check

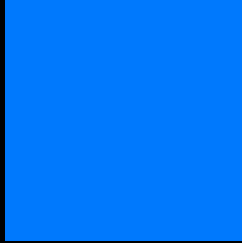
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.8690, -114.4880, 15.4000 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

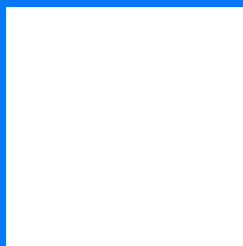
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 99.8690, -114.4880, 15.4000

Background



This preview shows how black text looks on a background with the YIQ color 99.8690, -114.4880, 15.4000.



This preview shows how white text looks on a background with the YIQ color 99.8690, -114.4880,

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

99.8690, -114.4880, 15.4000

Protanopia

108.1380, -96.0120, 21.9720

Deuteranopia

100.3300, -106.1410, 1.7870



Tritanopia

98.4650, -85.7330, -26.6690

Trichromacy



Original Color

99.8690, -114.4880, 15.4000

Protanomaly

104.8490, -102.5680, 19.6400

Deuteranomaly

99.9370, -109.1680, 7.0880

Tritanomaly

98.6880, -96.0060, -11.1900

Monochromacy



Original Color

99.8690, -114.4880, 15.4000

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.3160, -41.6320, 5.6000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.8690, -114.4880, 15.4000 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, 121, 253)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 253)  
}
```

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, 121, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 253) }
```

Border

The CSS property to change the border of an element to YIQ 99.8690, -114.4880, 15.4000 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, 121, 253) }
```


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

```
.border{ border-color:rgb(0, 121, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 121, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 253);  
box-shadow:4px 4px 4px 4px rgb(0, 121,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 99.8690, -114.4880, 15.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 253) }
```

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

```
.background{ background-color: rgb(0, 121,  
253) }
```

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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