

Converting Colors

YIQ(109.6870, -111.4600,
4.5720)

Have a look what the booklet for
YIQ(109.6870, -111.4600, 4.5720)
contains.

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Color

**YIQ(109.6870, -111.4600,
4.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	0689F1
RGB	6, 137, 241
RGB Percent	2%, 54%, 95%
CMY	0.9765, 0.4625, 0.0554
CMYK	0.98, 0.43, 0.00, 0.06
HSL	207°, 95%, 48%
HSV	207°, 98%, 94%
XYZ	24.8851, 24.2883, 86.4912
YIQ	109.6870, -111.4600, 4.5720

Conversions

Conversions Part 2

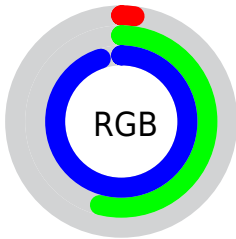
Format	Color
R _Y B	6, 90, 241
Decimal	428529
CIE Lab	56.38, 7.91, -60.44
CIE LCh	56, 60.955, 277.452
Yxy	24.2883, 0.1834, 0.1790
Android (android.graphics.Color)	4278618609 (0xFF0689F1)
YUV	109.6870, 64.7373, -90.9335
Hunter-Lab	49.2831, 3.8866, -69.5549

Details

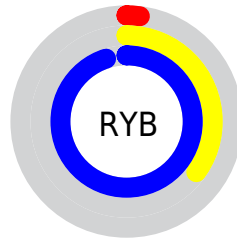
The YIQ color **109.6870, -111.4600, 4.5720** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **137.3130, 111.4600, -4.5720**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1910, -69.1410, 3.0430**, and **72.6320, -83.2640, 11.2000** is the 20% darker color. If you saturate the color by 10%, you get **106.1320, -114.2110, 4.8690**, and if you desaturate by 10%, it is **123.3200, -100.1810, 3.9070**.

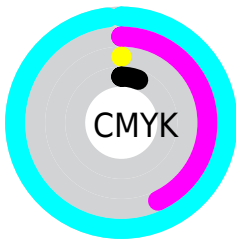
Distribution



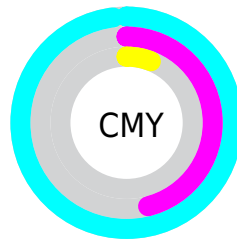
- Red (2%)
- Green (54%)
- Blue (95%)



- Red (2%)
- Yellow (35%)
- Blue (95%)



- Cyan (98%)
- Magenta (43%)
- Yellow (0%)
- Black (6%)



- Cyan (98%)
- Magenta (46%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.6870, -111.4600, 4.5720 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 109.6870, -111.4600, 4.5720 by changing the saturation by 10% instead.

■ 109.6870,
-111.4600, 4.5720

■ 109.6870,
-111.4600, 4.5720

■ 255.0000, -0.0000,
-0.0000

■ 89.9120, -98.8520,
7.3560

■ 173.1910,
-69.1410, 3.0430

■ 72.6320, -83.2640,
11.2000

■ 199.2060,
-56.3020, -3.8700

■ 56.6400, -68.5470,
14.3090

■ 225.7970,
-45.2050, -12.2530

■ 41.2350, -54.1050,
16.8950

■ 240.3490,
-29.2040, -10.3880

■ 27.1180, -40.5340,
18.7460

■ 249.9170,
-10.1320, -3.6040

■ 14.8760, -28.1090,
19.3390

■ 9.2050, -19.0300,

14.4900

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,
1.8660

■ 109.6870,
-111.4600, 4.5720

■ 109.6870,
-111.4600, 4.5720

■ 106.1320,
-114.2110, 4.8690

■ 123.3200,
-100.1810, 3.9070

■ 136.3660,
-88.6270, 3.7650

■ 149.9990,
-77.3480, 3.1000

■ 163.6320,
-66.0690, 2.4350

■ 176.6780,
-54.5150, 2.2930

■ 190.6100,
-42.6400, 1.8400

■ 204.2430,
-31.3610, 1.1750

■ 217.2890,
-19.8070, 1.0330

■ 230.9220, -8.5280,
0.3680

Harmonies

Analogous

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



115.7860, -116.5930, -7.0330



109.6870, -111.4600, 4.5720



138.6310, -10.4610, 40.9230

Triad

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



109.6870, -111.4600, 4.5720



130.4650, 82.7540, 20.0820



102.6470, -72.7070, -53.4990

Complementary

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



109.6870, -111.4600, 4.5720



137.3130, 111.4600, -4.5720

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.



120.6450, 0.6960, -45.6720



109.6870, -111.4600, 4.5720



130.3930, 72.9480, -11.4680

Square

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



109.6870, -111.4600, 4.5720



131.0400, 74.7260, 44.4380



125.1980, 50.4870, -39.4410



110.6780, -91.1870, -37.9630

Rectangle

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



109.6870, -111.4600, 4.5720



138.4200, 27.0420, 49.5860



125.1980, 50.4870, -39.4410



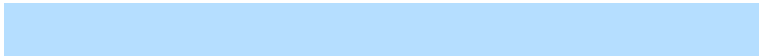
107.0100, -51.8000, -52.4400

Sweetspot

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



109.6870, -111.4600, 4.5720



213.5030, -35.0290, 1.5710



155.5730, -97.3670, -91.1830



102.8050, -21.3200, 0.9200



0.0000, 0.0000, 0.0000



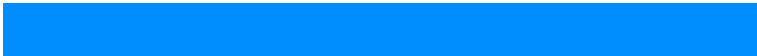
128.0000, -0.0000, -0.0000

Same Dimension

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



109.6870, -111.4600, 4.5720



112.4240, -120.9050, 5.0390



42.1820, -79.8350, 64.7170



113.4770, -5.7770, 0.0710



80.8500, -87.1140, 3.8780



24.5810, -26.5010, 1.2030

Inverse Universe

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



91.1990, 98.0090, 90.5610



92.4330, 106.3980, 98.2220



204.8180, 79.8350, -64.7170



112.3860, 4.9050, 4.7210



66.6440, 76.9220, 70.7300



20.2780, 23.4250, 21.5130

Previews

White Background



This preview shows how the YIQ color 109.6870, -111.4600, 4.5720 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 109.6870, -111.4600, 4.5720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

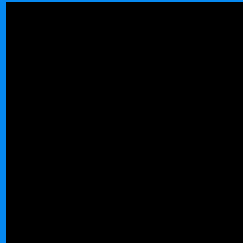
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

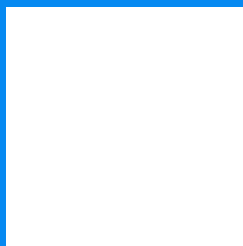
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 109.6870, -111.4600, 4.5720

Background



This preview shows how black text looks on a background with the YIQ color 109.6870, -111.4600, 4.5720.



This preview shows how white text looks on a background with the YIQ color 109.6870, -111.4600,

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

109.6870, -111.4600, 4.5720

Protanopia

129.7000, -59.6080, 23.0160

Deuteranopia

115.3680, -100.1360, 8.6000



Tritanopia

105.7030, -92.3350, -28.1670

Trichromacy



Original Color

109.6870, -111.4600, 4.5720

Protanomaly

122.4310, -78.0840, 16.4440

Deuteranomaly

113.2750, -104.3080, 7.1160

Tritanomaly

107.2590, -99.3520, -16.6320

Monochromacy



Original Color

109.6870, -111.4600, 4.5720

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9800, -40.8060, 1.6420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.6870, -111.4600, 4.5720 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(6, 137, 241)` looks like.

```
.text, #text, p{  
    color:rgb(6, 137, 241)  
}
```

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(6, 137, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 137, 241) }
```

Border

The CSS property to change the border of an element to YIQ 109.6870, -111.4600, 4.5720 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(6, 137, 241) }
```


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

```
.border{ border-color:rgb(6, 137, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 137, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 137, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 137, 241);  
box-shadow:4px 4px 4px 4px rgb(6, 137,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 109.6870, -111.4600, 4.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 137, 241) }
```

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

```
.background{ background-color: rgb(6, 137,  
241) }
```

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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