

Converting Colors

YUV(109.6870, 64.7373,
-90.9335)

Have a look what the booklet for
YUV(109.6870, 64.7373, -90.9335)
contains.

YUV(109.6870, 64.7373, -90.9335)	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

**YUV(109.6870, 64.7373,
-90.9335)**

Conversions

Conversions Part 1

Format	Color
Hex	0689F1
RGB	6, 137, 241
RGB Percent	2%, 54%, 95%
CMY	0.9765, 0.4627, 0.0549
CMYK	0.98, 0.43, 0.00, 0.05
HSL	207°, 95%, 48%
HSV	207°, 98%, 95%
XYZ	24.8979, 24.2809, 86.5935
YIQ	109.6870, -111.4600, 4.5720

Conversions

Conversions Part 2

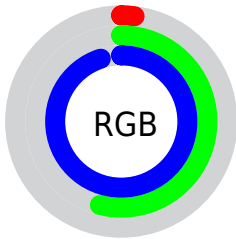
Format	Color
R _Y B	6, 90, 241
Decimal	428529
CIE Lab	56.37, 7.99, -60.53
CIE LCh	56, 61.051, 277.522
Yxy	24.2809, 0.1834, 0.1788
Android (android.graphics.Color)	4278618609 (0xFF0689F1)
YUV	109.6870, 64.7373, -90.9335
Hunter-Lab	49.2757, 3.9599, -69.6990

Details

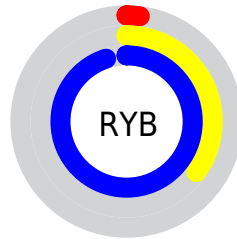
The YUV color **109.6870, 64.7373, -90.9335** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **137.3130, -64.7373, 90.9335**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1910, 40.3318, -56.2955**, and **72.6320, 54.9044, -63.6983** is the 20% darker color. If you saturate the color by 10%, you get **106.1320, 66.4899, -93.0778**, and if you desaturate by 10%, it is **123.3200, 58.0162, -81.8416**.

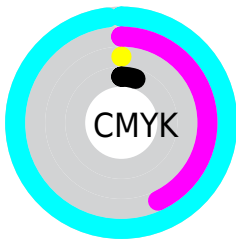
Distribution



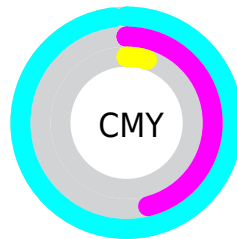
- Red (2%)
- Green (54%)
- Blue (95%)



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



- Cyan (98%)
- Magenta (43%)
- Yellow (0%)
- Black (5%)



- Cyan (98%)
- Magenta (46%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6870, 64.7373, -90.9335 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 YUV color 109.6870, 64.7373, -90.9335 by changing the saturation by 10% instead.

■ 109.6870, 64.7373,
-90.9335

■ 109.6870, 64.7373,
-90.9335

255.0000, 0.0000,
0.0000

■ 89.9120, 60.1894,
-78.8528

■ 173.1910, 40.3318,
-56.2955

■ 72.6320, 54.9044,
-63.6983

■ 199.2060, 27.5064,
-49.2927

■ 56.6400, 49.4775,
-49.6733

■ 225.7970, 14.3971,
-44.5490

■ 41.2350, 43.7611,
-36.1631

■ 240.3490, 7.2229,
-30.1241

■ 27.1180, 37.9028,
-23.7825

■ 249.9170, 2.5059,
-10.4512

■ 14.8760, 31.6131,
-13.0463

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 109.6870, 64.7373,
-90.9335

■ 109.6870, 64.7373,
-90.9335

■ 106.1320, 66.4899,
-93.0778

■ 123.3200, 58.0162,
-81.8416

■ 136.3660, 51.5846,
-72.2350

■ 149.9990, 44.8635,
-63.1431

■ 163.6320, 38.1424,
-54.0513

■ 176.9770, 31.5633,
-43.8298

■ 190.6100, 24.8423,
-34.7380

■ 204.2430, 18.1212,
-25.6461

■ 217.2890, 11.6895,
-16.0395

■ 230.9220, 4.9685,
-6.9476

Harmonies

Analogous

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



115.7860, 57.7865, -101.5443



109.6870, 64.7373, -90.9335



138.6310, 40.1149, 13.4786

Triad

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



109.6870, 64.7373, -90.9335



130.4650, -28.3302, 80.2762



102.6470, -5.2490, -90.0214

Complementary

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



109.6870, 64.7373, -90.9335



137.3130, -64.7373, 90.9335

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.



120.3460, -38.6246, -24.8594



109.6870, 64.7373, -90.9335



130.2790, -49.9305, 55.0063

Square

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



109.6870, 64.7373, -90.9335



131.0400, -3.4707, 86.7879



125.1980, -60.7366, 20.8744



110.6780, 17.9067, -97.0646

Rectangle

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



109.6870, 64.7373, -90.9335



138.4200, 26.9079, 49.6207



125.1980, -60.7366, 20.8744



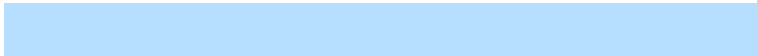
106.7110, -15.6335, -72.5375

Sweetspot

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



109.6870, 64.7373, -90.9335



213.5030, 20.4580, -28.5051



155.5730, -23.4535, -131.1755



102.8050, 12.4211, -17.3690



0.0000, 0.0000, 0.0000



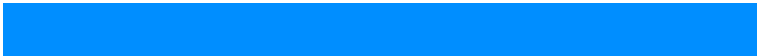
128.0000, 0.0000, 0.0000

Same Dimension

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



109.6870, 64.7373, -90.9335



112.4240, 70.2900, -98.5958



42.1820, 98.0173, -31.7316



113.4770, 3.2158, -4.8033



80.8500, 50.8529, -70.9055



24.5810, 15.4896, -21.5575

Inverse Universe

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



91.1990, 22.5799, 131.3755



92.4330, 24.4365, 142.5713



204.8180, -98.0173, 31.7316



112.3860, 1.2887, 6.6775



66.6440, 17.4305, 102.9212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 109.6870, 64.7373, -90.9335 looks on a white background.

Color Contrast Check

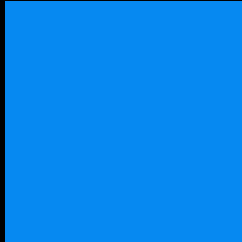
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.6870, 64.7373, -90.9335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

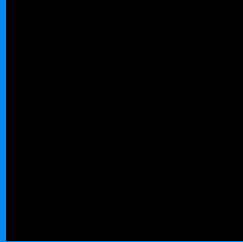
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

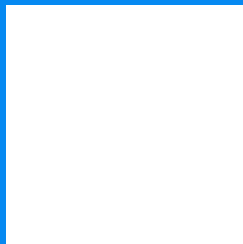
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.6870, 64.7373, -90.9335

Background



This preview shows how black text looks on a background with the YUV color 109.6870, 64.7373, -90.9335.



This preview shows how white text looks on a background with the YUV color 109.6870, 64.7373, -90.9335.

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, 64.7373, -90.9335

Protanopia

129.7000, 51.9129, -37.4479

Deuteranopia

115.0690, 62.0840, -79.8675



Tritanopia

105.5890, 26.3316, -92.6016

Trichromacy



Original Color

109.6870, 64.7373, -90.9335

Protanomaly

122.4310, 56.4825, -56.5060

Deuteranomaly

112.9760, 63.1158, -84.1710

Tritanomaly

107.2590, 40.2983, -92.3121

Monochromacy



Original Color

109.6870, 64.7373, -90.9335

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9800, 23.6739, -33.3085

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6870, 64.7373, -90.9335 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 YUV 109.6870, 64.7373, -90.9335 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 YUV 109.6870, 64.7373, -90.9335 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](#).

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