

Converting Colors

YUV(106.8710, 69.0836,
-84.9559)

Have a look what the booklet for
YUV(106.8710, 69.0836, -84.9559)
contains.

YUV(106.8710, 69.0836, -84.9559)	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(106.8710, 69.0836,
-84.9559)**

Conversions

Conversions Part 1

Format	Color
Hex	0A81F7
RGB	10, 129, 247
RGB Percent	4%, 51%, 97%
CMY	0.9608, 0.4941, 0.0314
CMYK	0.96, 0.48, 0.00, 0.03
HSL	210°, 94%, 50%
HSV	210°, 96%, 97%
XYZ	24.7639, 22.4804, 91.0296
YIQ	106.8710, -108.8020, 11.4700

Conversions

Conversions Part 2

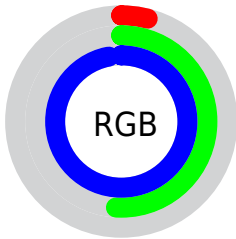
Format	Color
R _Y B	10, 89, 247
Decimal	688631
CIE Lab	54.53, 15.33, -66.80
CIE LCh	55, 68.537, 282.921
Yxy	22.4804, 0.1791, 0.1626
Android (android.graphics.Color)	4278878711 (0xFF0A81F7)
YUV	106.8710, 69.0836, -84.9559
Hunter-Lab	47.4135, 10.2562, -80.6419

Details

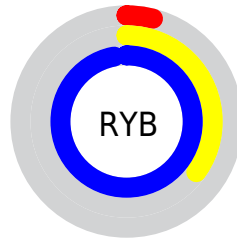
The YUV color **106.8710, 69.0836, -84.9559** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **150.1290, -69.0836, 84.9559**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8050, 42.4941, -49.8180**, and **69.2070, 59.5509, -60.6945** is the 20% darker color. If you saturate the color by 10%, you get **100.9460, 72.0046, -88.5296**, and if you desaturate by 10%, it is **121.3900, 61.9257, -75.7640**.

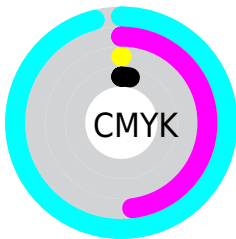
Distribution



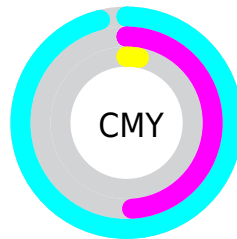
- Red (4%)
- Green (51%)
- Blue (97%)



- Red (4%)
- Yellow (35%)
- Blue (97%)



- Cyan (96%)
- Magenta (48%)
- Yellow (0%)
- Black (3%)



- Cyan (96%)
- Magenta (49%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.8710, 69.0836, -84.9559 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 106.8710, 69.0836, -84.9559 by changing the saturation by 10% instead.

■ 106.8710, 69.0836,
-84.9559

■ 106.8710, 69.0836,
-84.9559

255.0000, 0.0000,
0.0000

■ 85.9000, 65.1253,
-75.3343

■ 168.8050, 42.4941,
-49.8180

■ 69.2070, 59.5509,
-60.6945

■ 194.5210, 29.8161,
-43.4299

■ 53.1010, 53.6872,
-46.5696

■ 221.4110, 16.5594,
-38.0714

■ 38.2830, 47.6815,
-33.5742

■ 241.2460, 6.7807,
-28.2797

■ 24.1660, 41.8232,
-21.1936

■ 250.8140, 2.0637,
-8.6069

■ 16.0330, 33.5077,
-14.0609

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 106.8710, 69.0836,
-84.9559

■ 106.8710, 69.0836,
-84.9559

■ 100.9460, 72.0046,
-88.5296

■ 121.3900, 61.9257,
-75.7640

■ 136.1970, 54.6259,
-67.7018

■ 150.7160, 47.4680,
-58.5099

■ 165.2350, 40.3101,
-49.3181

■ 179.4550, 33.2997,
-40.7410

■ 194.5610, 25.8524,
-32.0640

■ 209.0800, 18.6946,
-22.8722

■ 223.5990, 11.5367,
-13.6803

■ 238.4060, 4.2368,
-5.6181

Harmonies

Analogous

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



114.1050, 64.0382, -100.0701



106.8710, 69.0836, -84.9559



133.7620, 41.5293, 26.5187

Triad

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



106.8710, 69.0836, -84.9559



123.5490, -35.7667, 85.4645



101.5870, -4.2334, -89.0918

Complementary

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



106.8710, 69.0836, -84.9559



150.1290, -69.0836, 84.9559

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.



109.2470, -38.5758, -40.5586



106.8710, 69.0836, -84.9559



122.5210, -60.4029, 53.9171

Square

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



106.8710, 69.0836, -84.9559



120.6180, -6.7137, 100.3130



119.5990, -58.9623, 11.7527



109.8290, 22.2693, -96.3200

Rectangle

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



106.8710, 69.0836, -84.9559



130.5190, 26.8591, 65.3198



119.5990, -58.9623, 11.7527



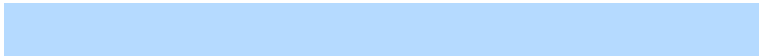
98.1330, -12.3906, -86.0626

Sweetspot

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



106.8710, 69.0836, -84.9559



211.1550, 21.6156, -26.4459



162.2290, -18.3539, -133.5048



101.0440, 13.2893, -15.8246



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.



106.8710, 69.0836, -84.9559



104.2060, 74.3414, -91.3887



39.3660, 102.3636, -25.7540



114.8900, 3.5052, -4.2885



75.7950, 54.3311, -66.4722



23.7490, 17.3787, -20.8279

Inverse Universe

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



94.4290, 17.0435, 133.8048



90.8370, 18.3214, 143.9710



217.6340, -102.3636, 25.7540



114.2720, 0.8519, 6.7775



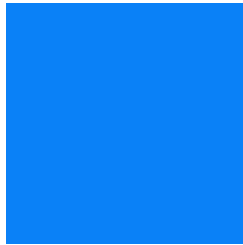
66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 106.8710, 69.0836, -84.9559 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 106.8710, 69.0836, -84.9559 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

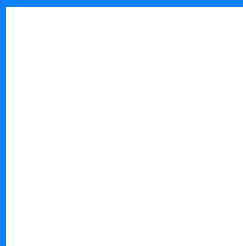
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.8710, 69.0836, -84.9559

Background



This preview shows how black text looks on a background with the YUV color 106.8710, 69.0836, -84.9559.



This preview shows how white text looks on a background with the YUV color 106.8710, 69.0836, -84.9559.

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

106.8710, 69.0836, -84.9559

Protanopia

121.3980, 59.9498, -48.5840

Deuteranopia

103.9320, 63.1375, -91.1484



Tritanopia

101.9700, 25.1578, -89.4277

Trichromacy



Original Color

106.8710, 69.0836, -84.9559

Protanomaly

116.1190, 63.0453, -61.4944

Deuteranomaly

105.1110, 65.0213, -88.6743

Tritanomaly

104.1070, 40.8662, -87.7938

Monochromacy



Original Color

106.8710, 69.0836, -84.9559

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0450, 25.1208, -30.7345

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8710, 69.0836, -84.9559 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(10, 129, 247)` looks like.

```
.text, #text, p{  
    color:rgb(10, 129, 247)  
}
```

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(10, 129, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 129, 247) }
```

Border

The CSS property to change the border of an element to YUV 106.8710, 69.0836, -84.9559 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(10, 129, 247) }
```


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

```
.border{ border-color:rgb(10, 129, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 129, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 129, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 129, 247);  
box-shadow:4px 4px 4px 4px rgb(10, 129,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 106.8710, 69.0836, -84.9559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 129, 247) }
```

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

```
.background{ background-color: rgb(10, 129,  
247) }
```

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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