

Converting Colors

YUV(106.0950, 69.4662,
-67.6123)

Have a look what the booklet for
YUV(106.0950, 69.4662, -67.6123)
contains.

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Color

**YUV(106.0950, 69.4662,
-67.6123)**

Conversions

Conversions Part 1

Format	Color
Hex	1D76F7
RGB	29, 118, 247
RGB Percent	11%, 46%, 97%
CMY	0.8863, 0.5373, 0.0314
CMYK	0.88, 0.52, 0.00, 0.03
HSL	216°, 93%, 54%
HSV	216°, 88%, 97%
XYZ	23.7736, 19.9335, 90.5902
YIQ	106.0950, -94.4530, 21.2510

Conversions

Conversions Part 2

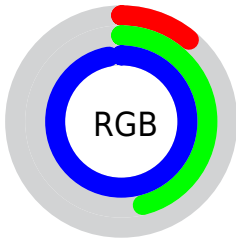
Format	Color
R _Y B	29, 92, 247
Decimal	1930999
CIE Lab	51.76, 22.96, -71.28
CIE LCh	52, 74.881, 287.852
Yxy	19.9335, 0.1770, 0.1484
Android (android.graphics.Color)	4280121079 (0xFF1D76F7)
YUV	106.0950, 69.4662, -67.6123
Hunter-Lab	44.6469, 16.9157, -89.0487

Details

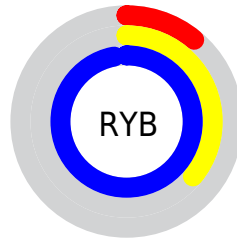
The YUV color **106.0950, 69.4662, -67.6123** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **169.9050, -69.4662, 67.6123**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2560, 45.2298, -40.5665**, and **63.3370, 62.4449, -55.5465** is the 20% darker color. If you saturate the color by 10%, you get **89.8150, 77.4922, -75.2598**, and if you desaturate by 10%, it is **122.3750, 61.4401, -59.9649**.

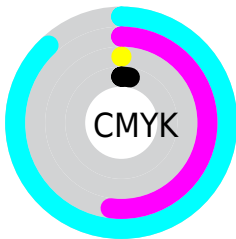
Distribution



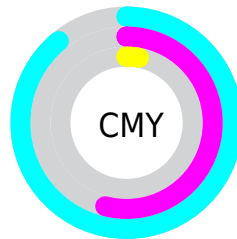
- Red (11%)
- Green (46%)
- Blue (97%)



- Red (11%)
- Yellow (36%)
- Blue (97%)



- Cyan (88%)
- Magenta (52%)
- Yellow (0%)
- Black (3%)



- Cyan (89%)
- Magenta (54%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.0950, 69.4662, -67.6123 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 106.0950, 69.4662, -67.6123 by changing the saturation by 10% instead.

■ 106.0950, 69.4662,
-67.6123

■ 106.0950, 69.4662,
-67.6123

■ 255.0000, 0.0000,
0.0000

■ 80.0300, 68.0192,
-70.1863

■ 163.2560, 45.2298,
-40.5665

■ 63.3370, 62.4449,
-55.5465

■ 188.9720, 32.5518,
-34.1784

■ 47.8180, 56.2917,
-41.9364

■ 214.9760, 19.7318,
-28.9200

■ 33.5870, 49.9966,
-29.4558

■ 241.5670, 6.6225,
-24.1763

■ 17.1220, 45.2959,
-15.0160

■ 252.0100, 1.4741,
-6.1478

■ 15.9190, 33.0709,
-13.9610

■ 10.2480, 24.0347,

-8.9875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 106.0950, 69.4662,
-67.6123

■ 106.0950, 69.4662,
-67.6123

■ 89.8150, 77.4922,
-75.2598

■ 122.3750, 61.4401,
-59.9649

■ 87.4450, 78.6606,
-76.6893

■ 137.7690, 53.8509,
-52.4174

■ 154.0490, 45.8248,
-44.7700

■ 169.7420, 38.0882,
-36.6077

■ 186.0220, 30.0622,
-28.9603

■ 202.0030, 22.1835,
-21.9276

■ 217.6960, 14.4469,
-13.7654

■ 233.9760, 6.4208,
-6.1180

■ 249.9570, -1.4578,
0.9147

Harmonies

Analogous

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



110.0930, 68.9742, -96.5516



106.0950, 69.4662, -67.6123



125.3770, 42.2121, 40.8884

Triad

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



106.0950, 69.4662, -67.6123



113.4970, -43.6290, 87.2641



98.1790, -2.0602, -86.1030

Complementary

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



106.0950, 69.4662, -67.6123



169.9050, -69.4662, 67.6123

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.



86.9220, -32.4995, -76.2306



106.0950, 69.4662, -67.6123



116.2860, -57.3290, 47.9842

Square

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



106.0950, 69.4662, -67.6123



105.8260, -8.7882, 112.4086



111.5700, -55.0040, 2.1311



106.9910, 26.6264, -93.8311

Rectangle

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



106.0950, 69.4662, -67.6123



117.4440, 27.3891, 82.0486



111.5700, -55.0040, 2.1311



95.0840, -11.3804, -83.3887

Sweetspot

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



106.0950, 69.4662, -67.6123



212.3730, 21.0151, -20.4981



171.4440, -7.6139, -124.9234



101.9520, 12.8417, -12.2359



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.



106.0950, 69.4662, -67.6123



90.1180, 81.2868, -79.0335



59.2340, 92.5686, -10.7292



114.3030, 3.7946, -3.7737



65.8160, 59.2507, -57.7206



20.8140, 18.8257, -18.2539

Inverse Universe

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



104.3280, 6.7403, 125.1233



88.1010, 7.8382, 146.3704



216.7660, -92.5686, 10.7292



114.1580, 0.4151, 6.8774



64.2780, 5.7789, 106.7502



20.3770, 1.7861, 33.8724

Previews

White Background



This preview shows how the YUV color 106.0950, 69.4662, -67.6123 looks on a white background.

Color Contrast Check

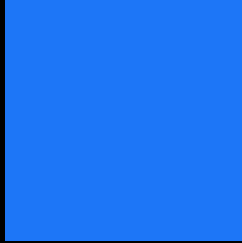
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.0950, 69.4662, -67.6123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

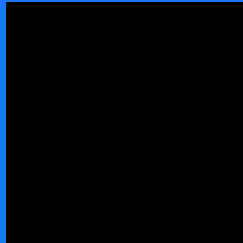
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

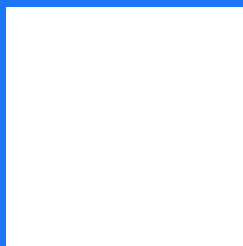
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.0950, 69.4662, -67.6123

Background



This preview shows how black text looks on a background with the YUV color 106.0950, 69.4662, -67.6123.



This preview shows how white text looks on a background with the YUV color 106.0950, 69.4662, -67.6123.

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

106.0950, 69.4662, -67.6123

Protanopia

106.3940, 69.3188, -66.9975

Deuteranopia

98.1130, 58.6113, -86.0451



Tritanopia

96.3620, 23.9785, -84.5095

Trichromacy



Original Color

106.0950, 69.4662, -67.6123

Protanomaly

106.3940, 69.3188, -66.9975

Deuteranomaly

100.8950, 62.6628, -78.8379

Tritanomaly

99.7600, 40.5443, -77.8425

Monochromacy



Original Color

106.0950, 69.4662, -67.6123

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.7900, 25.2465, -24.3718

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.0950, 69.4662, -67.6123 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(29, 118, 247)` looks like.

```
.text, #text, p{  
    color:rgb(29, 118, 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(29, 118, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 118, 247) }
```

Border

The CSS property to change the border of an element to YUV 106.0950, 69.4662, -67.6123 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(29, 118, 247) }
```


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

```
.border{ border-color:rgb(29, 118, 247) }
```

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

Here you see how a box with a 4 pixel rgb(29, 118, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 118, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 118, 247);  
box-shadow:4px 4px 4px 4px rgb(29, 118,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 106.0950, 69.4662, -67.6123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 118, 247) }
```

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

```
.background{ background-color: rgb(29, 118,  
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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