

Converting Colors

YUV(89.2770, 60.0094,
-67.7719)

Have a look what the booklet for
YUV(89.2770, 60.0094, -67.7719)
contains.

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Color

**YUV(89.2770, 60.0094,
-67.7719)**

Conversions

Conversions Part 1

Format	Color
Hex	0C69D3
RGB	12, 105, 211
RGB Percent	5%, 41%, 83%
CMY	0.9529, 0.5882, 0.1725
CMYK	0.94, 0.50, 0.00, 0.17
HSL	212°, 89%, 44%
HSV	212°, 94%, 83%
XYZ	16.9611, 14.8845, 63.6071
YIQ	89.2770, -89.4540, 13.2500

Conversions

Conversions Part 2

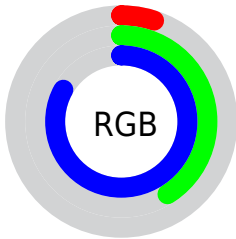
Format	Color
RYB	12, 75, 211
Decimal	813523
CIELab	45.48, 16.52, -61.20
CIElCh	45, 63.388, 285.104
Yxy	14.8845, 0.1777, 0.1559
Android (android.graphics.Color)	4279003603 (0xFF0C69D3)
YUV	89.2770, 60.0094, -67.7719
Hunter-Lab	38.5804, 10.9581, -70.7445

Details

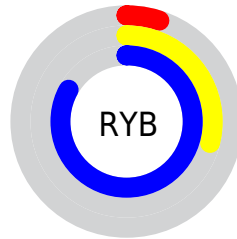
The YUV color **89.2770, 60.0094, -67.7719** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **133.7230, -60.0094, 67.7719**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8520, 51.3450, -41.9662**, and **52.3030, 50.6296, -45.8697** is the 20% darker color. If you saturate the color by 10%, you get **82.1670, 63.5147, -72.0605**, and if you desaturate by 10%, it is **102.0130, 53.7306, -60.5244**.

Distribution



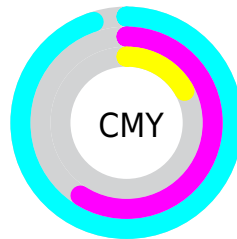
- Red (5%)
- Green (41%)
- Blue (83%)



- Red (5%)
- Yellow (29%)
- Blue (83%)



- Cyan (94%)
- Magenta (50%)
- Yellow (0%)
- Black (17%)



- Cyan (95%)
- Magenta (59%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2770, 60.0094, -67.7719 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 89.2770, 60.0094, -67.7719 by changing the saturation by 10% instead.

■ 89.2770, 60.0094,
-67.7719

■ 89.2770, 60.0094,
-67.7719

■ 255.0000, 0.0000,
0.0000

■ 68.4090, 56.4934,
-59.9947

■ 150.8520, 51.3450,
-41.9662

■ 52.3030, 50.6296,
-45.8697

■ 176.2690, 38.8144,
-36.1929

■ 37.5990, 45.0607,
-32.9743

■ 201.9740, 26.1418,
-31.5492

■ 23.4820, 39.2024,
-20.5937

■ 227.6790, 13.4693,
-26.9055

■ 14.7620, 31.1763,
-12.9463

■ 246.9270, 3.9800,
-16.5990

■ 9.0910, 22.1401,
-7.9728

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 89.2770, 60.0094,
-67.7719

■ 89.2770, 60.0094,
-67.7719

■ 82.1670, 63.5147,
-72.0605

■ 102.0130, 53.7306,
-60.5244

■ 114.7490, 47.4517,
-53.2769

■ 128.0720, 40.8835,
-46.5441

■ 140.8080, 34.6047,
-39.2966

■ 153.8430, 28.1784,
-31.4343

■ 166.5790, 21.8996,
-24.1868

■ 179.9020, 15.3313,
-17.4541

■ 192.6380, 9.0525,
-10.2065

■ 205.3740, 2.7736,
-2.9590

Harmonies

Analogous

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



95.0810, 57.1481, -83.3860



89.2770, 60.0094, -67.7719



110.2800, 35.8510, 27.8184

Triad

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



89.2770, 60.0094, -67.7719



100.1670, -33.1133, 74.3985



84.6150, -3.2612, -74.2074

Complementary

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



89.2770, 60.0094, -67.7719



133.7230, -60.0094, 67.7719

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.



86.1310, -32.6026, -43.0879



89.2770, 60.0094, -67.7719



101.8000, -50.1874, 44.0254

Square

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



89.2770, 60.0094, -67.7719



96.2640, -6.5392, 90.9765



98.6120, -48.6157, 6.4793



92.1730, 20.6207, -80.8357

Rectangle

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



89.2770, 60.0094, -67.7719



105.5850, 23.3756, 62.6310



98.6120, -48.6157, 6.4793



81.9760, -10.8342, -71.8930

Sweetspot

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



89.2770, 60.0094, -67.7719



211.4650, 21.4628, -24.0868



140.5550, -12.5986, -112.7427



100.7560, 13.4313, -14.6950



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.



89.2770, 60.0094, -67.7719



98.9230, 76.9460, -86.7555



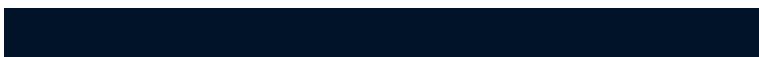
35.5830, 86.4806, -18.0513



98.1890, 3.3578, -3.6738



65.5250, 50.5202, -57.4654



15.8270, 12.4103, -13.8803

Inverse Universe

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



82.1030, 11.2882, 113.0427



89.8110, 14.3902, 144.8708



187.4170, -86.4806, 18.0513



97.8590, 0.5625, 6.2627



59.2380, 9.7427, 95.3843



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 89.2770, 60.0094, -67.7719 looks on a white 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

Black Background



This preview shows how the YUV color 89.2770, 60.0094, -67.7719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

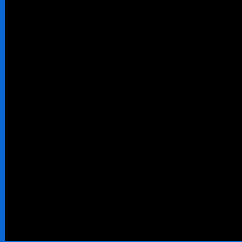
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.2770, 60.0094, -67.7719

Background



This preview shows how black text looks on a background with the YUV color 89.2770, 60.0094, -67.7719.



This preview shows how white text looks on a background with the YUV color 89.2770, 60.0094,

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

89.2770, 60.0094, -67.7719

Protanopia

96.8450, 55.2924, -48.0991

Deuteranopia

86.2300, 51.1586, -75.6237



Tritanopia

84.3310, 21.0358, -73.9583

Trichromacy



Original Color

89.2770, 60.0094, -67.7719

Protanomaly

94.2570, 57.0613, -55.4764

Deuteranomaly

87.1640, 54.6421, -72.9348

Tritanomaly

86.1260, 35.4339, -72.0245

Monochromacy



Original Color

89.2770, 60.0094, -67.7719

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1660, 21.6102, -24.7016

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2770, 60.0094, -67.7719 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(12, 105, 211)` looks like.

```
.text, #text, p{  
    color:rgb(12, 105, 211)  
}
```

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(12, 105, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 105, 211) }
```

Border

The CSS property to change the border of an element to YUV 89.2770, 60.0094, -67.7719 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(12, 105, 211) }
```


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

```
.border{ border-color:rgb(12, 105, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 105, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 105, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 105, 211);  
box-shadow:4px 4px 4px 4px rgb(12, 105,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 89.2770, 60.0094, -67.7719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 105, 211) }
```

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

```
.background{ background-color: rgb(12, 105,  
211) }
```

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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