

Converting Colors

YUV(86.9770, 61.6363,
-76.2788)

Have a look what the booklet for
YUV(86.9770, 61.6363, -76.2788)
contains.

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Color

**YUV(86.9770, 61.6363,
-76.2788)**

Conversions

Conversions Part 1

Format	Color
Hex	006BD4
RGB	0, 107, 212
RGB Percent	0%, 42%, 83%
CMY	1.0000, 0.5804, 0.1686
CMYK	1.00, 0.50, 0.00, 0.17
HSL	210°, 100%, 42%
HSV	210°, 100%, 83%
XYZ	17.1414, 15.2689, 64.3311
YIQ	86.9770, -97.4770, 9.9710

Conversions

Conversions Part 2

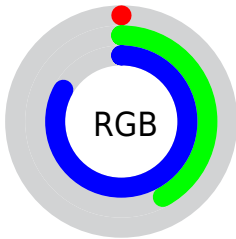
Format	Color
R _Y B	0, 71, 212
Decimal	27604
CIE Lab	46.00, 15.25, -60.93
CIE LCh	46, 62.805, 284.052
Yxy	15.2689, 0.1772, 0.1578
Android (android.graphics.Color)	4278217684 (0xFF006BD4)
YUV	86.9770, 61.6363, -76.2788
Hunter-Lab	39.0754, 9.9214, -70.2583

Details

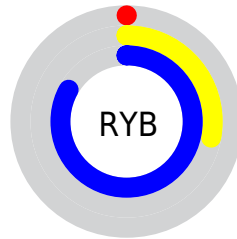
The YUV color **86.9770, 61.6363, -76.2788** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **125.0230, -61.6363, 76.2788**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0150, 50.7716, -44.7402**, and **53.5910, 50.4876, -46.9993** is the 20% darker color. If you saturate the color by 10%, you get **86.9770, 61.6363, -76.2788**, and if you desaturate by 10%, it is **99.1260, 55.6469, -68.5165**.

Distribution



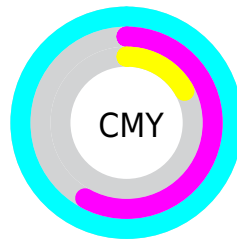
- Red (0%)
- Green (42%)
- Blue (83%)



- Red (0%)
- Yellow (28%)
- Blue (83%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (58%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9770, 61.6363, -76.2788 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 86.9770, 61.6363, -76.2788 by changing the saturation by 10% instead.

■ 86.9770, 61.6363,
-76.2788

■ 86.9770, 61.6363,
-76.2788

■ 255.0000, 0.0000,
0.0000

■ 69.6970, 56.3514,
-61.1243

■ 152.0150, 50.7716,
-44.7402

■ 53.5910, 50.4876,
-46.9993

■ 176.8450, 38.5304,
-38.4521

■ 38.8870, 44.9187,
-34.1039

■ 202.5500, 25.8579,
-33.8083

■ 24.7700, 39.0604,
-21.7233

■ 228.2550, 13.1853,
-29.1646

■ 14.8760, 31.6131,
-13.0463

■ 246.3290, 4.2748,
-17.8285

■ 9.2050, 22.5769,
-8.0728

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 86.9770, 61.6363,
-76.2788

■ 99.1260, 55.6469,
-68.5165

■ 111.8620, 49.3680,
-61.2690

■ 124.8970, 42.9418,
-53.4067

■ 137.0460, 36.9523,
-45.6443

■ 149.7820, 30.6735,
-38.3968

■ 161.9310, 24.6840,
-30.6345

■ 174.6670, 18.4052,
-23.3870

■ 187.1150, 12.2683,
-15.0099

■ 199.8510, 5.9895,
-7.7623

Harmonies

Analogous

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



96.2550, 56.5693, -84.4156



86.9770, 61.6363, -76.2788



111.3830, 36.2932, 25.9741

Triad

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



86.9770, 61.6363, -76.2788



101.8080, -31.9503, 74.7134



85.7890, -3.8400, -75.2370

Complementary

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



86.9770, 61.6363, -76.2788



125.0230, -61.6363, 76.2788

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.



88.9250, -33.4870, -39.3992



86.9770, 61.6363, -76.2788



102.6970, -50.6296, 45.8697

Square

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



86.9770, 61.6363, -76.2788



98.7800, -5.8075, 89.6469



99.5090, -49.0579, 8.3236



92.6460, 19.8945, -81.2505

Rectangle

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



86.9770, 61.6363, -76.2788



107.3890, 23.9652, 60.1718



99.5090, -49.0579, 8.3236



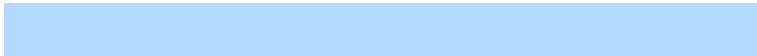
82.5630, -11.1236, -72.4078

Sweetspot

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



86.9770, 61.6363, -76.2788



209.9700, 22.1998, -27.1607



136.0720, -16.7975, -119.3351



100.7450, 13.4367, -16.4394



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.



86.9770, 61.6363, -76.2788



104.7930, 74.0521, -91.9035



26.5160, 91.4436, -23.2545



100.7760, 3.0684, -4.1886



69.9760, 49.8048, -61.3690



17.8160, 12.4157, -15.6246

Inverse Universe

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



75.5860, 15.4871, 119.6351



90.9510, 18.7582, 143.8710



185.4840, -91.4436, 23.2545



99.9730, 0.9993, 6.1627



60.9330, 12.3580, 96.5288



15.3650, 3.2711, 24.2359

Previews

White Background



This preview shows how the YUV color 86.9770, 61.6363, -76.2788 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 86.9770, 61.6363, -76.2788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

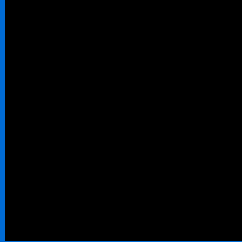
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.9770, 61.6363, -76.2788

Background



This preview shows how black text looks on a background with the YUV color 86.9770, 61.6363, -76.2788.



This preview shows how white text looks on a background with the YUV color 86.9770, 61.6363,

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

86.9770, 61.6363, -76.2788

Protanopia

99.6280, 54.4134, -46.1548

Deuteranopia

87.1590, 52.1796, -76.4384



Tritanopia

85.6190, 20.8938, -75.0879

Trichromacy



Original Color

86.9770, 61.6363, -76.2788

Protanomaly

95.2460, 57.0667, -57.2207

Deuteranomaly

87.3700, 55.5266, -76.6235

Tritanomaly

86.2180, 35.8815, -75.6132

Monochromacy



Original Color

86.9770, 61.6363, -76.2788

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.6710, 22.3472, -27.7755

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9770, 61.6363, -76.2788 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(0, 107, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 212)  
}
```

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(0, 107, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 212) }
```

Border

The CSS property to change the border of an element to YUV 86.9770, 61.6363, -76.2788 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(0, 107, 212) }
```


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

```
.border{ border-color:rgb(0, 107, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 107, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 86.9770, 61.6363, -76.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 212) }
```

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

```
.background{ background-color: rgb(0, 107,  
212) }
```

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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