

Converting Colors

YUV(86.6600, 69.1876,
-71.6158)

Have a look what the booklet for
YUV(86.6600, 69.1876, -71.6158)
contains.

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Color

**YUV(86.6600, 69.1876,
-71.6158)**

Conversions

Conversions Part 1

Format	Color
Hex	0565E3
RGB	5, 101, 227
RGB Percent	2%, 40%, 89%
CMY	0.9804, 0.6039, 0.1098
CMYK	0.98, 0.56, 0.00, 0.11
HSL	214°, 96%, 45%
HSV	214°, 98%, 89%
XYZ	18.5814, 14.8857, 74.5669
YIQ	86.6600, -97.6620, 18.8340

Conversions

Conversions Part 2

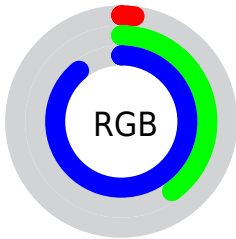
Format	Color
RYB	5, 72, 227
Decimal	353763
CIELab	45.48, 25.20, -70.29
CIELCh	45, 74.675, 289.724
Yxy	14.8857, 0.1720, 0.1378
Android (android.graphics.Color)	4278543843 (0xFF0565E3)
YUV	86.6600, 69.1876, -71.6158
Hunter-Lab	38.5820, 18.4487, -87.5817

Details

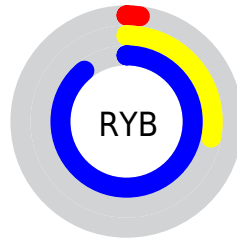
The YUV color **86.6600, 69.1876, -71.6158** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **145.3400, -69.1876, 71.6158**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7000, 51.9129, -37.4479**, and **52.2520, 58.0498, -45.8250** is the 20% darker color. If you saturate the color by 10%, you get **83.4040, 70.7928, -73.1453**, and if you desaturate by 10%, it is **101.1680, 62.0352, -64.1683**.

Distribution



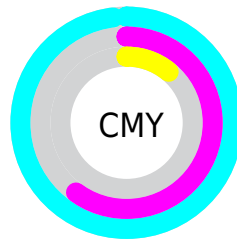
- Red (2%)
- Green (40%)
- Blue (89%)



- Red (2%)
- Yellow (28%)
- Blue (89%)



- Cyan (98%)
- Magenta (56%)
- Yellow (0%)
- Black (11%)



- Cyan (98%)
- Magenta (60%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6600, 69.1876, -71.6158 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 86.6600, 69.1876, -71.6158 by changing the saturation by 10% instead.

■ 86.6600, 69.1876,
-71.6158

■ 86.6600, 69.1876,
-71.6158

■ 255.0000, 0.0000,
0.0000

■ 68.3580, 63.9135,
-59.9500

■ 149.7000, 51.9129,
-37.4479

■ 52.2520, 58.0498,
-45.8250

■ 175.4160, 39.2349,
-31.0598

■ 37.4340, 52.0440,
-32.8296

■ 200.5340, 26.8517,
-25.9013

■ 24.4910, 45.6069,
-21.4786

■ 226.5380, 14.0318,
-20.6428

■ 15.6570, 37.1441,
-13.7312

■ 248.7210, 3.0955,
-12.9103

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 86.6600, 69.1876,
-71.6158

■ 86.6600, 69.1876,
-71.6158

■ 83.4040, 70.7928,
-73.1453

■ 101.1680, 62.0352,
-64.1683

■ 115.3770, 55.0301,
-57.3356

■ 129.8850, 47.8777,
-49.8881

■ 144.3930, 40.7253,
-42.4407

■ 158.3140, 33.8622,
-34.4784

■ 172.5230, 26.8572,
-27.6457

■ 187.0310, 19.7047,
-20.1982

■ 201.5390, 12.5523,
-12.7507

■ 215.7480, 5.5472,
-5.9180

Harmonies

Analogous

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



98.0620, 66.0314, -86.0004



86.6600, 69.1876, -71.6158



107.9430, 40.4541, 44.7770

Triad

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



86.6600, 69.1876, -71.6158



95.2640, -46.9652, 83.9605



86.9460, -1.9454, -76.2516

Complementary

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



86.6600, 69.1876, -71.6158



145.3400, -69.1876, 71.6158

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.



75.0050, -35.0055, -65.7794



86.6600, 69.1876, -71.6158



101.4900, -50.0346, 41.6663

Square

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



86.6600, 69.1876, -71.6158



79.8850, -4.8733, 116.7419



96.1870, -47.4202, -3.6720



95.5300, 25.8677, -83.7798

Rectangle

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



86.6600, 69.1876, -71.6158



94.7050, 28.2464, 87.0817



96.1870, -47.4202, -3.6720



83.8510, -11.2655, -73.5373

Sweetspot

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



86.6600, 69.1876, -71.6158



208.2200, 23.0625, -23.8719



149.6780, -9.2083, -126.8826



99.2830, 14.1575, -14.2802



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.



86.6600, 69.1876, -71.6158



93.6400, 79.5505, -82.1223



34.7930, 94.7581, -12.9735



107.3030, 3.7946, -3.7737



65.6050, 55.9037, -57.5356



18.7280, 15.9101, -16.4245

Inverse Universe

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



82.3220, 9.2083, 126.8826



88.7850, 10.4590, 145.7706



197.2070, -94.7581, 12.9735



107.1580, 0.4151, 6.8774



62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 86.6600, 69.1876, -71.6158 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 86.6600, 69.1876, -71.6158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

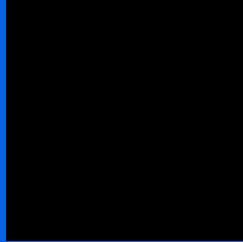
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.6600, 69.1876, -71.6158

Background



This preview shows how black text looks on a background with the YUV color 86.6600, 69.1876, -71.6158.



This preview shows how white text looks on a background with the YUV color 86.6600, 69.1876, -71.6158.

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

86.6600, 69.1876, -71.6158

Protanopia

85.4270, 65.8515, -74.9195

Deuteranopia

86.1160, 50.7218, -75.5237



Tritanopia

84.2170, 20.5990, -73.8583

Trichromacy



Original Color

86.6600, 69.1876, -71.6158

Protanomaly

85.7800, 67.1565, -73.4751

Deuteranomaly

86.5490, 57.4103, -74.1495

Tritanomaly

84.9240, 38.4915, -72.7243

Monochromacy



Original Color

86.6600, 69.1876, -71.6158

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7790, 25.2520, -26.1162

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6600, 69.1876, -71.6158 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(5, 101, 227)` looks like.

```
.text, #text, p{  
    color:rgb(5, 101, 227)  
}
```

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(5, 101, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 101, 227) }
```

Border

The CSS property to change the border of an element to YUV 86.6600, 69.1876, -71.6158 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(5, 101, 227) }
```


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

```
.border{ border-color:rgb(5, 101, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 101, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 101, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 101, 227);  
box-shadow:4px 4px 4px 4px rgb(5, 101,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 86.6600, 69.1876, -71.6158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 101, 227) }
```

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

```
.background{ background-color: rgb(5, 101,  
227) }
```

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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