

Converting Colors

YUV(87.8550, 70.0775,
-77.0488)

Have a look what the booklet for
YUV(87.8550, 70.0775, -77.0488)
contains.

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Color

**YUV(87.8550, 70.0775,
-77.0488)**

Conversions

Conversions Part 1

Format	Color
Hex	0069E6
RGB	0, 105, 230
RGB Percent	0%, 41%, 90%
CMY	1.0000, 0.5882, 0.0980
CMYK	1.00, 0.54, 0.00, 0.10
HSL	213°, 100%, 45%
HSV	213°, 100%, 90%
XYZ	19.3345, 15.8163, 76.8967
YIQ	87.8550, -102.7050, 16.6150

Conversions

Conversions Part 2

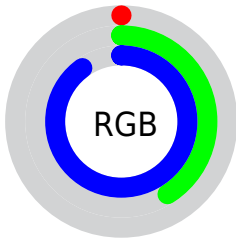
Format	Color
RYB	0, 72, 230
Decimal	27110
CIELab	46.73, 23.66, -69.95
CIELCh	47, 73.840, 288.689
Yxy	15.8163, 0.1726, 0.1412
Android (android.graphics.Color)	4278217190 (0xFF0069E6)
YUV	87.8550, 70.0775, -77.0488
Hunter-Lab	39.7697, 17.1827, -86.8013

Details

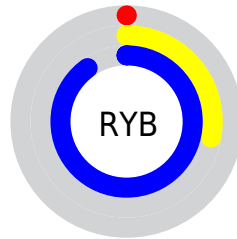
The YUV color **87.8550, 70.0775, -77.0488** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **142.1450, -70.0775, 77.0488**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.7490, 50.9027, -40.1219**, and **54.3550, 58.4920, -47.6693** is the 20% darker color. If you saturate the color by 10%, you get **87.8550, 70.0775, -77.0488**, and if you desaturate by 10%, it is **101.7760, 63.2144, -69.0866**.

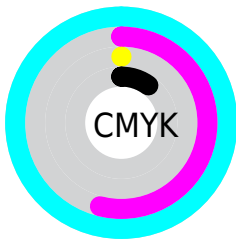
Distribution



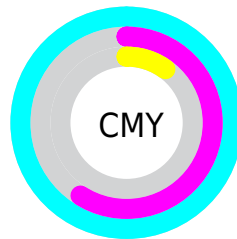
- Red (0%)
- Green (41%)
- Blue (90%)



- Red (0%)
- Yellow (28%)
- Blue (90%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (59%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8550, 70.0775, -77.0488 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 87.8550, 70.0775, -77.0488 by changing the saturation by 10% instead.

■ 87.8550, 70.0775,
-77.0488

■ 87.8550, 70.0775,
-77.0488

■ 255.0000, 0.0000,
0.0000

■ 70.4610, 64.3557,
-61.7943

■ 151.7490, 50.9027,
-40.1219

■ 54.3550, 58.4920,
-47.6693

■ 177.7640, 38.0773,
-33.1190

■ 39.5370, 52.4863,
-34.6739

■ 202.8820, 25.6942,
-27.9605

■ 26.5940, 46.0492,
-23.3229

■ 229.4730, 12.5848,
-23.2168

■ 14.8250, 39.0333,
-13.0015

■ 248.7210, 3.0955,
-12.9103

■ 12.5620, 27.8239,
-11.0169

■ 7.5920, 18.9351,

-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 87.8550, 70.0775,
-77.0488

■ 101.7760, 63.2144,
-69.0866

■ 116.2840, 56.0620,
-61.6391

■ 130.2050, 49.1989,
-53.6768

■ 144.7130, 42.0465,
-46.2293

■ 158.6340, 35.1834,
-38.2670

■ 173.1420, 28.0310,
-30.8195

■ 187.6500, 20.8785,
-23.3721

■ 201.5710, 14.0155,
-15.4098

■ 216.0790, 6.8631,
-7.9623

Harmonies

Analogous

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



100.0510, 66.0369, -87.7447



87.8550, 70.0775, -77.0488



111.3340, 40.7543, 41.8031

Triad

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



87.8550, 70.0775, -77.0488



99.1330, -44.9286, 84.0754



88.8210, -2.3768, -77.8960

Complementary

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



87.8550, 70.0775, -77.0488



142.1450, -70.0775, 77.0488

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.



77.1080, -34.5632, -67.6237



87.8550, 70.0775, -77.0488



104.7460, -51.6398, 43.1958

Square

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



87.8550, 70.0775, -77.0488



87.8090, -6.3148, 112.4235



99.7420, -49.1728, -1.5277



97.4050, 25.4363, -85.4242

Rectangle

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



87.8550, 70.0775, -77.0488



101.1560, 27.5311, 83.1782



99.7420, -49.1728, -1.5277



85.7260, -11.6969, -75.1817

Sweetspot

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



87.8550, 70.0775, -77.0488



207.6220, 23.3574, -25.1015



149.0320, -12.8338, -130.7011



99.5710, 14.0155, -15.4098



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.



87.8550, 70.0775, -77.0488



97.1620, 77.8141, -85.2111



28.6120, 99.2843, -18.0767



107.8900, 3.5052, -4.2885



67.9530, 54.7462, -59.5948



19.3150, 15.6207, -16.9393

Inverse Universe

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



80.7400, 11.9602, 130.9010



89.4690, 13.0798, 145.1707



201.3880, -99.2843, 18.0767



107.2720, 0.8519, 6.7775



62.7550, 8.9948, 101.9469



17.8710, 2.5286, 29.0541

Previews

White Background



This preview shows how the YUV color 87.8550, 70.0775, -77.0488 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 87.8550, 70.0775, -77.0488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

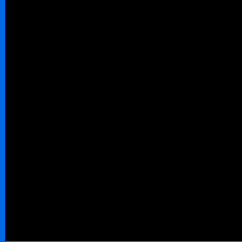
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

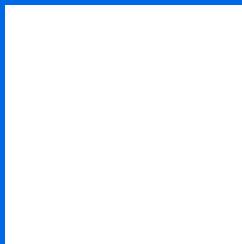
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.8550, 70.0775, -77.0488

Background



This preview shows how black text looks on a background with the YUV color 87.8550, 70.0775, -77.0488.



This preview shows how white text looks on a background with the YUV color 87.8550, 70.0775, -77.0488.

-77.0488.

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

87.8550, 70.0775, -77.0488

Protanopia

87.9860, 68.0409, -77.1637

Deuteranopia

88.5610, 52.4744, -77.6680



Tritanopia

87.0210, 21.1886, -76.3174

Trichromacy



Original Color

87.8550, 70.0775, -77.0488

Protanomaly

88.1000, 68.4777, -77.2637

Deuteranomaly

88.2820, 59.0210, -77.4233

Tritanomaly

87.0160, 38.9391, -76.3130

Monochromacy



Original Color

87.8550, 70.0775, -77.0488

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8820, 25.6942, -27.9605

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8550, 70.0775, -77.0488 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, 105, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 230)  
}
```

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, 105, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 230) }
```

Border

The CSS property to change the border of an element to YUV 87.8550, 70.0775, -77.0488 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, 105, 230) }
```


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

```
.border{ border-color:rgb(0, 105, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 105,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 87.8550, 70.0775, -77.0488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 230) }
```

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

```
.background{ background-color: rgb(0, 105,  
230) }
```

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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