

Converting Colors

YUV(82.5300, 69.7447,
-63.6088)

Have a look what the booklet for
YUV(82.5300, 69.7447, -63.6088)
contains.

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Color

**YUV(82.5300, 69.7447,
-63.6088)**

Conversions

Conversions Part 1

Format	Color
Hex	0A5CE0
RGB	10, 92, 224
RGB Percent	4%, 36%, 88%
CMY	0.9608, 0.6392, 0.1216
CMYK	0.96, 0.59, 0.00, 0.12
HSL	217°, 91%, 46%
HSV	217°, 96%, 88%
XYZ	17.4069, 13.1006, 72.1322
YIQ	82.5300, -91.2440, 23.6680

Conversions

Conversions Part 2

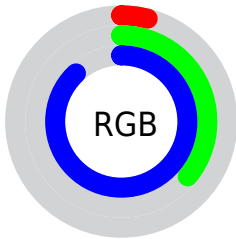
Format	Color
RYB	10, 69, 224
Decimal	679136
CIELab	42.91, 30.00, -72.77
CIELCh	43, 78.714, 292.404
Yxy	13.1006, 0.1696, 0.1276
Android (android.graphics.Color)	4278869216 (0xFF0A5CE0)
YUV	82.5300, 69.7447, -63.6088
Hunter-Lab	36.1948, 22.5036, -92.8220

Details

The YUV color **82.5300, 69.7447, -63.6088** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **151.4700, -69.7447, 63.6088**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8300, 54.8068, -32.2999**, and **47.3280, 59.4913, -41.5067** is the 20% darker color. If you saturate the color by 10%, you get **76.0180, 72.9551, -66.6678**, and if you desaturate by 10%, it is **97.3260, 62.4503, -57.2909**.

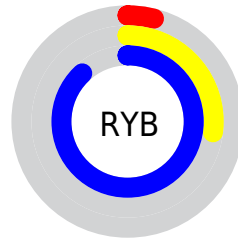
Distribution



Red (4%)

Green (36%)

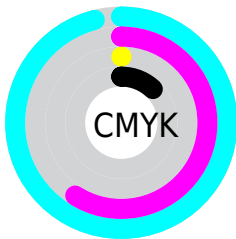
Blue (88%)



Red (4%)

Yellow (27%)

Blue (88%)

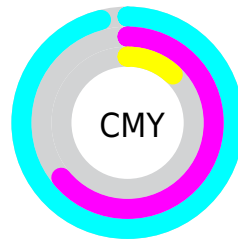


Cyan (96%)

Magenta (59%)

Yellow (0%)

Black (12%)



Cyan (96%)

Magenta (64%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.5300, 69.7447, -63.6088 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 82.5300, 69.7447, -63.6088 by changing the saturation by 10% instead.

■ 82.5300, 69.7447,
-63.6088

■ 82.5300, 69.7447,
-63.6088

■ 255.0000, 0.0000,
0.0000

■ 62.7330, 65.2076,
-55.0168

■ 143.8300, 54.8068,
-32.2999

■ 47.3280, 59.4913,
-41.5067

■ 169.5460, 42.1288,
-25.9118

■ 32.9830, 52.7594,
-28.9261

■ 194.9630, 29.5982,
-20.1386

■ 17.6920, 47.4798,
-15.5159

■ 220.6680, 16.9257,
-15.4948

■ 17.6630, 34.6761,
-15.4905

■ 246.3730, 4.2531,
-10.8511

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 82.5300, 69.7447,
-63.6088

■ 82.5300, 69.7447,
-63.6088

■ 76.0180, 72.9551,
-66.6678

■ 97.3260, 62.4503,
-57.2909

■ 112.4210, 55.0084,
-50.3582

■ 126.6300, 48.0034,
-43.5255

■ 141.7250, 40.5616,
-36.5928

■ 156.5210, 33.2671,
-30.2749

■ 171.3170, 25.9727,
-23.9570

■ 186.4120, 18.5309,
-17.0243

■ 201.2080, 11.2365,
-10.7064

■ 215.7160, 4.0840,
-3.2589

Harmonies

Analogous

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



94.0670, 68.4940, -82.4968



82.5300, 69.7447, -63.6088



97.9380, 41.4426, 54.4284

Triad

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



82.5300, 69.7447, -63.6088



89.3500, -44.0495, 82.1311



83.3100, -0.6458, -73.0629

Complementary

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



82.5300, 69.7447, -63.6088



151.4700, -69.7447, 63.6088

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.



71.6140, -35.3057, -62.8055



82.5300, 69.7447, -63.6088



95.8530, -47.2555, 36.9629

Square

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



82.5300, 69.7447, -63.6088



68.6900, -5.7632, 122.1749



88.7670, -43.7621, -10.3197



92.2360, 28.4777, -80.8910

Rectangle

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



82.5300, 69.7447, -63.6088



74.1940, 33.4284, 105.0699



88.7670, -43.7621, -10.3197



80.1010, -10.4028, -70.2486

Sweetspot

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



82.5300, 69.7447, -63.6088



205.8720, 24.2201, -21.8127



150.6660, -4.2723, -123.3641



98.1090, 14.7363, -13.2506



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.



82.5300, 69.7447, -63.6088



86.5960, 83.0232, -75.9447



41.8710, 89.7896, -6.0259



104.6020, 3.6472, -3.1590



59.3930, 57.4873, -52.0877



16.6250, 15.4679, -14.5801

Inverse Universe

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



83.3340, 4.2723, 123.3641



87.4170, 5.2174, 146.9703



192.1290, -89.7896, 6.0259



104.7450, 0.1257, 6.3626



60.2620, 3.3218, 101.5022



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 82.5300, 69.7447, -63.6088 looks on a white background.

Color Contrast Check

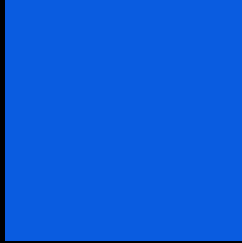
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.5300, 69.7447, -63.6088 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

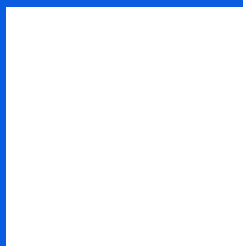
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 82.5300, 69.7447, -63.6088

Background



This preview shows how black text looks on a background with the YUV color 82.5300, 69.7447, -63.6088.



This preview shows how white text looks on a background with the YUV color 82.5300, 69.7447, -63.6088.

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

82.5300, 69.7447, -63.6088

Protanopia

80.4230, 61.9095, -70.5310

Deuteranopia

80.6390, 47.5060, -70.7204



Tritanopia

79.3100, 19.5672, -69.5549

Trichromacy



Original Color

82.5300, 69.7447, -63.6088

Protanomaly

81.2430, 64.9562, -67.7421

Deuteranomaly

81.4250, 55.4995, -67.9017

Tritanomaly

80.7290, 37.6016, -67.2913

Monochromacy



Original Color

82.5300, 69.7447, -63.6088

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.5020, 25.3885, -23.2423

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.5300, 69.7447, -63.6088 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(10, 92, 224)` looks like.

```
.text, #text, p{  
    color:rgb(10, 92, 224)  
}
```

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(10, 92, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 92, 224) }
```

Border

The CSS property to change the border of an element to YUV 82.5300, 69.7447, -63.6088 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(10, 92, 224) }
```


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

```
.border{ border-color:rgb(10, 92, 224) }
```

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

Here you see how a box with a 4 pixel rgb(10, 92, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 92, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 92, 224);  
box-shadow:4px 4px 4px 4px rgb(10, 92,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 82.5300, 69.7447, -63.6088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 92, 224) }
```

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

```
.background{ background-color: rgb(10, 92,  
224) }
```

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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