

Converting Colors

YUV(82.8300, 44.4538,
-71.7649)

Have a look what the booklet for
YUV(82.8300, 44.4538, -71.7649)
contains.

YUV(82.8300, 44.4538, -71.7649)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(82.8300, 44.4538,
-71.7649)**

Conversions

Conversions Part 1

Format	Color
Hex	016BAD
RGB	1, 107, 173
RGB Percent	0%, 42%, 68%
CMY	0.9961, 0.5804, 0.3216
CMYK	0.99, 0.38, 0.00, 0.32
HSL	203°, 99%, 34%
HSV	203°, 99%, 68%
XYZ	12.8130, 13.5390, 41.4731
YIQ	82.8300, -84.3620, -1.9460

Conversions

Conversions Part 2

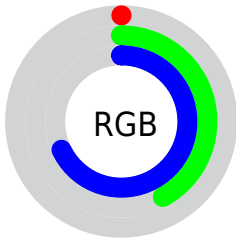
Format	Color
R _Y B	1, 67, 173
Decimal	93101
CIE Lab	43.56, -0.37, -42.28
CIE LCh	44, 42.281, 269.500
Yxy	13.5390, 0.1889, 0.1996
Android (android.graphics.Color)	4278283181 (0xFF016BAD)
YUV	82.8300, 44.4538, -71.7649
Hunter-Lab	36.7953, -2.2338, -41.0708

Details

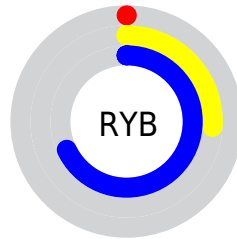
The YUV color **82.8300, 44.4538, -71.7649** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **91.1700, -44.4538, 71.7649**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.7620, 41.0363, -48.9033**, and **48.9000, 35.0523, -42.8853** is the 20% darker color. If you saturate the color by 10%, you get **82.5310, 44.6012, -72.3797**, and if you desaturate by 10%, it is **92.0220, 39.9222, -64.9173**.

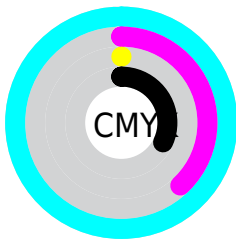
Distribution



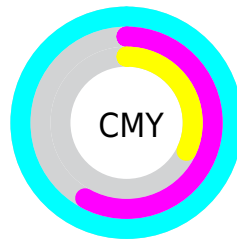
- Red (0%)
- Green (42%)
- Blue (68%)



- Red (0%)
- Yellow (26%)
- Blue (68%)



- Cyan (99%)
- Magenta (38%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (58%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8300, 44.4538, -71.7649 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 82.8300, 44.4538, -71.7649 by changing the saturation by 10% instead.

■ 82.8300, 44.4538,
-71.7649

■ 82.8300, 44.4538,
-71.7649

■ 255.0000, 0.0000,
0.0000

■ 65.3650, 39.7531,
-57.3251

■ 145.7620, 41.0363,
-48.9033

■ 48.9000, 35.0523,
-42.8853

■ 173.8440, 40.0099,
-46.3442

■ 33.7230, 30.2096,
-29.5751

■ 198.3640, 27.9215,
-42.4152

■ 19.2470, 25.5142,
-16.8796

■ 224.3570, 15.1070,
-38.9011

■ 7.8200, 19.8087,
-6.8581

■ 241.5450, 6.6333,
-27.6650

■ 3.5510, 11.0674,
-3.1142

■ 250.5150, 2.2111,

■ 0.0000, 0.0000,

-9.2217

0.0000

■ 82.8300, 44.4538,
-71.7649

■ 82.8300, 44.4538,
-71.7649

■ 82.5310, 44.6012,
-72.3797

■ 92.0220, 39.9222,
-64.9173

■ 100.9260, 35.5325,
-56.9401

■ 110.1180, 31.0008,
-50.0925

■ 119.3100, 26.4692,
-43.2449

■ 128.2140, 22.0795,
-35.2677

■ 137.4060, 17.5478,
-28.4201

■ 146.0110, 13.3056,
-21.0576

■ 155.2030, 8.7739,
-14.2100

■ 164.6940, 4.0949,
-6.7476

Harmonies

Analogous

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



86.6740, 37.6287, -76.0131



82.8300, 44.4538, -71.7649



104.6710, 29.2492, -1.4655

Triad

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



82.8300, 44.4538, -71.7649



101.3400, -15.4506, 55.8298



87.5650, -10.6315, -43.4685

Complementary

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



82.8300, 44.4538, -71.7649



91.1700, -44.4538, 71.7649

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.



95.5020, -28.3485, -7.4563



82.8300, 44.4538, -71.7649



100.9950, -29.0845, 42.1004

Square

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



82.8300, 44.4538, -71.7649



102.9820, 0.9949, 54.3898



98.9570, -34.9818, 20.2087



81.9540, 9.3897, -71.8737

Rectangle

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



82.8300, 44.4538, -71.7649



106.0610, 21.1689, 23.6255



98.9570, -34.9818, 20.2087



91.1170, -17.8057, -29.0436

Sweetspot

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



82.8300, 44.4538, -71.7649



189.2920, 17.1110, -28.3201



109.4880, -20.9466, -95.1440



91.2350, 10.2371, -16.8691



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8300, 44.4538, -71.7649



106.5420, 57.9068, -93.4373



32.3480, 69.3414, -27.4922



81.9610, 2.4842, -3.4738



71.6910, 38.6063, -62.8730



10.8400, 5.9949, -9.5067

Inverse Universe

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



64.5120, 20.9466, 95.1440



82.7080, 27.2590, 123.9131



141.6520, -69.3414, 27.4922



81.2610, 0.8573, 5.0331



55.4520, 18.5112, 82.9186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 82.8300, 44.4538, -71.7649 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 82.8300, 44.4538, -71.7649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

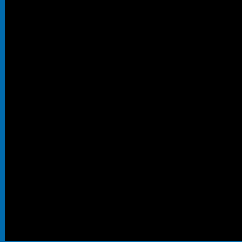
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8300, 44.4538, -71.7649

Background



This preview shows how black text looks on a background with the YUV color 82.8300, 44.4538, -71.7649.



This preview shows how white text looks on a background with the YUV color 82.8300, 44.4538, -71.7649.

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

82.8300, 44.4538, -71.7649

Protanopia

101.0490, 32.5138, -21.9680

Deuteranopia

96.4320, 38.2410, -38.9669



Tritanopia

80.8260, 20.2988, -70.8844

Trichromacy



Original Color

82.8300, 44.4538, -71.7649

Protanomaly

94.3780, 36.7886, -39.7965

Deuteranomaly

91.3380, 40.7524, -51.1624

Tritanomaly

81.2310, 29.4661, -71.2396

Monochromacy



Original Color

82.8300, 44.4538, -71.7649

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0750, 16.2320, -26.3758

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8300, 44.4538, -71.7649 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(1, 107, 173)` looks like.

```
.text, #text, p{  
    color:rgb(1, 107, 173)  
}
```

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(1, 107, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 107, 173) }
```

Border

The CSS property to change the border of an element to YUV 82.8300, 44.4538, -71.7649 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(1, 107, 173) }
```


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

```
.border{ border-color:rgb(1, 107, 173) }
```

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

Here you see how a box with a 4 pixel rgb(1, 107, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 107, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 107, 173);  
box-shadow:4px 4px 4px 4px rgb(1, 107,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 82.8300, 44.4538, -71.7649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 107, 173) }
```

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

```
.background{ background-color: rgb(1, 107,  
173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor