

Converting Colors

YUV(82.8660, 33.0971,
-69.1655)

Have a look what the booklet for
YUV(82.8660, 33.0971, -69.1655)
contains.

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Color

**YUV(82.8660, 33.0971,
-69.1655)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 046E96 |
| RGB | 4, 110, 150 |
| RGB Percent | 2%, 43%, 59% |
| CMY | 0.9843, 0.5686, 0.4118 |
| CMYK | 0.97, 0.27, 0.00, 0.41 |
| HSL | 196°, 95%, 30% |
| HSV | 196°, 97%, 59% |
| XYZ | 11.1310, 13.3797, 30.8500 |
| YIQ | 82.8660, -76.0160, -10.0320 |

Conversions

Conversions Part 2

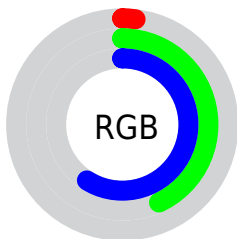
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 4, 65, 150 |
| Decimal | 290454 |
| CIE _{Lab} | 43.33, -11.11, -29.07 |
| CIE _{LCh} | 43, 31.116, 249.088 |
| Yxy | 13.3797, 0.2011, 0.2417 |
| Android (android.graphics.Color) | 4278480534 (0xFF046E96) |
| YUV | 82.8660, 33.0971, -69.1655 |
| Hunter-Lab | 36.5782, -9.6931, -24.4003 |

Details

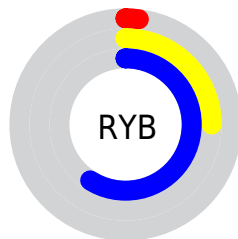
The YUV color **82.8660, 33.0971, -69.1655** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **71.1340, -33.0971, 69.1655**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7650, 29.6959, -51.5369**, and **48.2670, 25.0114, -42.3302** is the 20% darker color. If you saturate the color by 10%, you get **81.0830, 33.9761, -71.1098**, and if you desaturate by 10%, it is **89.6990, 29.7284, -62.0030**.

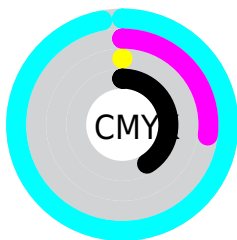
Distribution



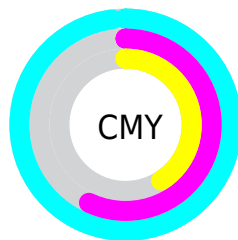
- Red (2%)
- Green (43%)
- Blue (59%)



- Red (2%)
- Yellow (25%)
- Blue (59%)



- Cyan (97%)
- Magenta (27%)
- Yellow (0%)
- Black (41%)



- Cyan (98%)
- Magenta (57%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8660, 33.0971, -69.1655 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 82.8660, 33.0971, -69.1655 by changing the saturation by 10% instead.

82.8660, 33.0971,
-69.1655

82.8660, 33.0971,
-69.1655

255.0000, 0.0000,
0.0000

64.6180, 29.2753,
-56.6700

143.7650, 29.6959,
-51.5369

48.2670, 25.0114,
-42.3302

171.8900, 30.1272,
-49.8925

32.6170, 20.8948,
-28.6051

198.6190, 27.7958,
-48.7779

18.2550, 16.6363,
-16.0096

224.3130, 15.1287,
-45.8785

4.5940, 12.5252,
-4.0289

239.1530, 7.8126,
-32.5832

0.1140, 0.4368,
-0.1000

247.8240, 3.5378,

0.0000, 0.0000,

-14.7546

0.0000

■ 82.8660, 33.0971,
-69.1655

■ 82.8660, 33.0971,
-69.1655

■ 81.0830, 33.9761,
-71.1098

■ 89.6990, 29.7284,
-62.0030

■ 96.5320, 26.3597,
-54.8406

■ 103.3650, 22.9911,
-47.6781

■ 110.1980, 19.6224,
-40.5156

■ 117.6180, 15.9643,
-33.8680

■ 124.4510, 12.5957,
-26.7055

■ 131.2840, 9.2270,
-19.5431

■ 138.1170, 5.8583,
-12.3806

■ 144.9500, 2.4897,
-5.2181

Harmonies

Analogous

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



82.1940, 25.5404, -72.0841



82.8660, 33.0971, -69.1655



99.7410, 26.2567, -21.6979

Triad

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



82.8660, 33.0971, -69.1655



103.5260, -4.2033, 41.6347



96.3410, -17.4231, -11.7001

Complementary

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



82.8660, 33.0971, -69.1655



71.1340, -33.0971, 69.1655

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.



99.3500, -24.3296, 10.2170



82.8660, 33.0971, -69.1655



102.8280, -15.6912, 39.6158

Square

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



82.8660, 33.0971, -69.1655



105.2610, 7.7593, 31.3431



101.6880, -23.5102, 27.4606



90.7320, -3.8119, -37.4760

Rectangle

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



82.8660, 33.0971, -69.1655



103.9070, 21.2448, -0.7954



101.6880, -23.5102, 27.4606



97.5870, -20.5024, -4.0228

Sweetspot

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



82.8660, 33.0971, -69.1655



167.8640, 12.8850, -26.1907



94.1480, -25.2160, -79.0598



81.5510, 7.6164, -16.2692



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



82.8660, 33.0971, -69.1655



104.8830, 43.9347, -91.9824



40.6020, 53.9332, -32.1000



70.7330, 1.6106, -3.2738



74.4320, 31.3390, -65.2769



5.2490, 2.3422, -4.6034

Inverse Universe

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



59.7380, 24.7792, 79.1598



74.0800, 32.9916, 105.1698



113.3980, -53.9332, 32.1000



69.6630, 1.1521, 3.8035



52.6620, 23.3376, 74.8414



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 82.8660, 33.0971, -69.1655 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 82.8660, 33.0971, -69.1655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

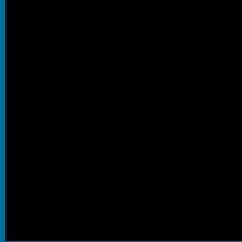
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8660, 33.0971, -69.1655

Background



This preview shows how black text looks on a background with the YUV color 82.8660, 33.0971, -69.1655.



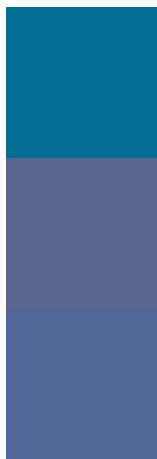
This preview shows how white text looks on a background with the YUV color 82.8660, 33.0971,

-69.1655.

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

82.8660, 33.0971, -69.1655

Protanopia

102.0860, 19.6776, -11.4764

Deuteranopia

101.1220, 25.0829, -18.5240



Tritanopia

80.8260, 20.2988, -70.8844

Trichromacy



Original Color

82.8660, 33.0971, -69.1655

Protanomaly

94.9200, 24.6894, -32.3788

Deuteranomaly

94.3970, 27.9053, -37.1822

Tritanomaly

81.6780, 24.8087, -70.7546

Monochromacy



Original Color

82.8660, 33.0971, -69.1655

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9350, 11.8640, -25.3760

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8660, 33.0971, -69.1655 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(4, 110, 150)` looks like.

```
.text, #text, p{  
    color:rgb(4, 110, 150)  
}
```

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(4, 110, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 110, 150) }
```

Border

The CSS property to change the border of an element to YUV 82.8660, 33.0971, -69.1655 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(4, 110, 150) }
```


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

```
.border{ border-color:rgb(4, 110, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 110, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 110, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 110, 150);  
box-shadow:4px 4px 4px 4px rgb(4, 110,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 82.8660, 33.0971, -69.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 110, 150) }
```

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

```
.background{ background-color: rgb(4, 110,  
150) }
```

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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