

Converting Colors

YUV(81.4250, 35.2865,
-71.4097)

Have a look what the booklet for
YUV(81.4250, 35.2865, -71.4097)
contains.

YUV(81.4250, 35.2865, -71.4097)	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(81.4250, 35.2865,
-71.4097)**

Conversions

Conversions Part 1

Format	Color
Hex	006D99
RGB	0, 109, 153
RGB Percent	0%, 43%, 60%
CMY	1.0000, 0.5725, 0.4000
CMYK	1.00, 0.29, 0.00, 0.40
HSL	197°, 100%, 30%
HSV	197°, 100%, 60%
XYZ	11.2184, 13.2372, 32.1008
YIQ	81.4250, -79.0880, -9.4240

Conversions

Conversions Part 2

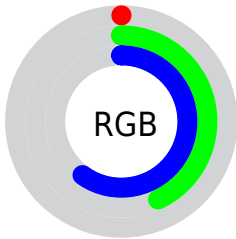
Format	Color
RYB	0, 64, 153
Decimal	28057
CIELab	43.12, -9.56, -31.18
CIELCh	43, 32.615, 252.961
Yxy	13.2372, 0.1984, 0.2341
Android (android.graphics.Color)	4278218137 (0xFF006D99)
YUV	81.4250, 35.2865, -71.4097
Hunter-Lab	36.3829, -8.6310, -26.8436

Details

The YUV color **81.4250, 35.2865, -71.4097** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **71.5750, -35.2865, 71.4097**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0470, 32.0218, -50.9072**, and **48.0220, 26.6112, -42.1153** is the 20% darker color. If you saturate the color by 10%, you get **81.4250, 35.2865, -71.4097**, and if you desaturate by 10%, it is **88.2580, 31.9178, -64.2473**.

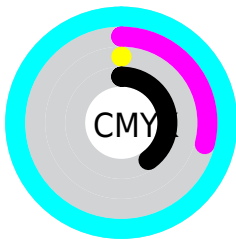
Distribution



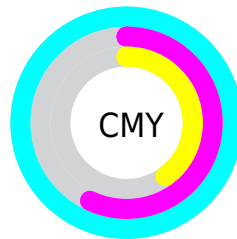
- Red (0%)
- Green (43%)
- Blue (60%)



- Red (0%)
- Yellow (25%)
- Blue (60%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4250, 35.2865, -71.4097 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 81.4250, 35.2865, -71.4097 by changing the saturation by 10% instead.

81.4250, 35.2865,
-71.4097

81.4250, 35.2865,
-71.4097

255.0000, 0.0000,
0.0000

64.3730, 30.8751,
-56.4551

143.0470, 32.0218,
-50.9072

48.0220, 26.6112,
-42.1153

170.7590, 32.1638,
-49.7776

32.2580, 22.0578,
-28.2903

198.0320, 28.0852,
-48.2631

17.8960, 17.7993,
-15.6948

223.4380, 15.5601,
-44.2341

4.9360, 13.8356,
-4.3289

239.1530, 7.8126,
-32.5832

0.5700, 2.1840,
-0.4999

248.1230, 3.3904,

0.0000, 0.0000,

-14.1399

0.0000

■ 81.4250, 35.2865,
-71.4097

■ 88.2580, 31.9178,
-64.2473

■ 95.9770, 28.1123,
-56.9848

■ 102.8100, 24.7437,
-49.8224

■ 110.2300, 21.0856,
-43.1747

■ 117.3620, 17.5695,
-35.3975

■ 124.1950, 14.2009,
-28.2350

■ 131.6150, 10.5428,
-21.5874

■ 138.4480, 7.1741,
-14.4249

■ 146.1670, 3.3687,
-7.1625

Harmonies

Analogous

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



82.6500, 27.2876, -72.4840



81.4250, 35.2865, -71.4097



100.4640, 26.3932, -18.8239

Triad

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



81.4250, 35.2865, -71.4097



103.0810, -5.9559, 43.7790



95.1340, -16.8281, -15.9035

Complementary

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



81.4250, 35.2865, -71.4097



71.5750, -35.2865, 71.4097

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.



98.5130, -24.9029, 7.4431



81.4250, 35.2865, -71.4097



101.6710, -17.5858, 40.6305

Square

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



81.4250, 35.2865, -71.4097



104.6420, 6.5855, 34.5170



100.6340, -24.9626, 26.6310



88.2580, -1.6062, -44.9533

Rectangle

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



81.4250, 35.2865, -71.4097



104.2280, 21.0866, 3.3080



100.6340, -24.9626, 26.6310



96.5650, -20.4915, -7.5115

Sweetspot

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



81.4250, 35.2865, -71.4097



171.0810, 13.7641, -28.1350



94.7130, -25.4945, -83.0633



82.6650, 8.0532, -16.3692



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



81.4250, 35.2865, -71.4097



106.0400, 45.8293, -92.9971



36.8130, 57.2802, -32.2850



72.8470, 2.0474, -3.3738



74.6600, 32.2126, -65.4768



6.7650, 3.0739, -5.9329

Inverse Universe

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



58.1730, 25.0577, 83.1633



75.6890, 32.6913, 108.1437



116.1870, -57.2802, 32.2850



71.9620, 1.0047, 4.4183



53.2600, 23.0428, 76.0710



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 81.4250, 35.2865, -71.4097 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 81.4250, 35.2865, -71.4097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

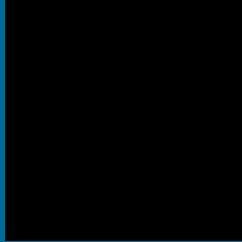
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.4250, 35.2865, -71.4097

Background



This preview shows how black text looks on a background with the YUV color 81.4250, 35.2865, -71.4097.

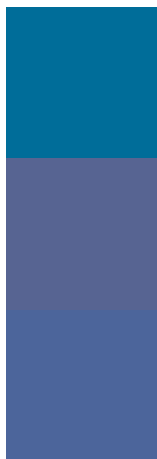


This preview shows how white text looks on a background with the YUV color 81.4250, 35.2865, -71.4097.

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

81.4250, 35.2865, -71.4097

Protanopia

101.3570, 22.0090, -12.5911

Deuteranopia

99.6810, 27.2723, -20.7682



Tritanopia

80.2390, 20.5882, -70.3696

Trichromacy



Original Color

81.4250, 35.2865, -71.4097

Protanomaly

93.8920, 27.1682, -34.1083

Deuteranomaly

92.9560, 30.0947, -39.4264

Tritanomaly

80.9060, 25.6823, -70.9546

Monochromacy



Original Color

81.4250, 35.2865, -71.4097

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1630, 12.7376, -25.5760

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4250, 35.2865, -71.4097 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, 109, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 153)  
}
```

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, 109, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 153) }
```

Border

The CSS property to change the border of an element to YUV 81.4250, 35.2865, -71.4097 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, 109, 153) }
```


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

```
.border{ border-color:rgb(0, 109, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 109, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 81.4250, 35.2865, -71.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 153) }
```

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

```
.background{ background-color: rgb(0, 109,  
153) }
```

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