

Converting Colors

YUV(81.3740, 42.7066,
-71.3650)

Have a look what the booklet for
YUV(81.3740, 42.7066, -71.3650)
contains.

YUV(81.3740, 42.7066, -71.3650)	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>	30

Color

**YUV(81.3740, 42.7066,
-71.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	006AA8
RGB	0, 106, 168
RGB Percent	0%, 42%, 66%
CMY	1.0000, 0.5843, 0.3412
CMYK	1.00, 0.37, 0.00, 0.34
HSL	202°, 100%, 33%
HSV	202°, 100%, 66%
XYZ	12.2219, 13.1352, 38.9370
YIQ	81.3740, -83.0780, -3.1900

Conversions

Conversions Part 2

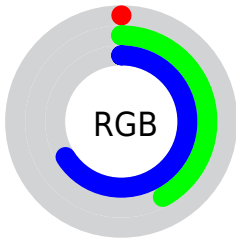
Format	Color
RYB	0, 65, 168
Decimal	27304
CIELab	42.97, -1.80, -40.29
CIELCh	43, 40.333, 267.449
Yxy	13.1352, 0.1901, 0.2043
Android (android.graphics.Color)	4278217384 (0xFF006AA8)
YUV	81.3740, 42.7066, -71.3650
Hunter-Lab	36.2425, -3.2297, -38.3281

Details

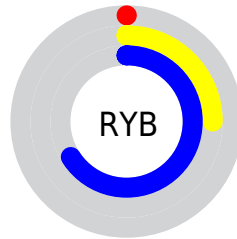
The YUV color **81.3740, 42.7066, -71.3650** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **86.6260, -42.7066, 71.3650**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0070, 39.4365, -49.1181**, and **47.7430, 33.1577, -41.8706** is the 20% darker color. If you saturate the color by 10%, you get **81.3740, 42.7066, -71.3650**, and if you desaturate by 10%, it is **89.9790, 38.4644, -64.0026**.

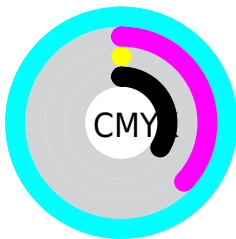
Distribution



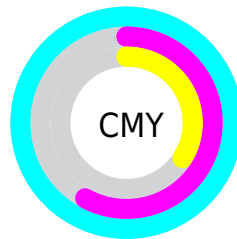
- Red (0%)
- Green (42%)
- Blue (66%)



- Red (0%)
- Yellow (25%)
- Blue (66%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (58%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3740, 42.7066, -71.3650 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 81.3740, 42.7066, -71.3650 by changing the saturation by 10% instead.

■ 81.3740, 42.7066,
-71.3650

■ 81.3740, 42.7066,
-71.3650

■ 255.0000, 0.0000,
0.0000

■ 64.2080, 37.8585,
-56.3104

■ 144.0070, 39.4365,
-49.1181

■ 47.7430, 33.1577,
-41.8706

■ 172.3170, 39.2837,
-46.7590

■ 32.5660, 28.3150,
-28.5604

■ 197.1790, 28.5058,
-43.1300

■ 17.6170, 24.3458,
-15.4501

■ 223.1720, 15.6912,
-39.6158

■ 6.7770, 18.3509,
-5.9434

■ 240.6480, 7.0755,
-29.5093

■ 3.0950, 9.3202,
-2.7143

■ 249.6180, 2.6533,

■ 0.0000, 0.0000,

-11.0660

0.0000

■ 81.3740, 42.7066,
-71.3650

■ 89.9790, 38.4644,
-64.0026

■ 98.5840, 34.2221,
-56.6402

■ 107.4770, 29.8378,
-50.4073

■ 116.0820, 25.5956,
-43.0449

■ 124.6870, 21.3533,
-35.6825

■ 133.2920, 17.1110,
-28.3201

■ 141.8970, 12.8688,
-20.9577

■ 150.7900, 8.4845,
-14.7248

■ 159.3950, 4.2423,
-7.3624

Harmonies

Analogous

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



84.8160, 35.5867, -74.3836



81.3740, 42.7066, -71.3650



102.8340, 28.6758, -4.2394

Triad

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



81.3740, 42.7066, -71.3650



100.7850, -13.6980, 53.6856



88.2560, -11.9582, -37.9355

Complementary

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



81.3740, 42.7066, -71.3650



86.6260, -42.7066, 71.3650

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.



95.0400, -27.6277, -5.2971



81.3740, 42.7066, -71.3650



99.8640, -27.0480, 42.2153

Square

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



81.3740, 42.7066, -71.3650



102.1880, 1.8793, 50.7011



98.1250, -33.0926, 20.9384



80.3240, 8.2213, -70.4441

Rectangle

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



81.3740, 42.7066, -71.3650



104.9250, 20.7430, 20.2368



98.1250, -33.0926, 20.9384



91.0250, -18.2533, -25.4549

Sweetspot

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



81.3740, 42.7066, -71.3650



185.4770, 16.5268, -27.6053



105.6840, -21.5362, -92.6849



89.2350, 10.2371, -16.8691



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



81.3740, 42.7066, -71.3650



105.9720, 55.7228, -92.9374



32.0660, 67.0155, -28.1219



79.8470, 2.0474, -3.3738



71.4630, 37.7327, -62.6731



9.9110, 4.9739, -8.6919

Inverse Universe

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



62.3160, 21.5362, 92.6849



81.2130, 27.9960, 120.8392



135.9340, -67.0155, 28.1219



78.9620, 1.0047, 4.4183



54.8540, 18.8060, 81.6890



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 81.3740, 42.7066, -71.3650 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 81.3740, 42.7066, -71.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

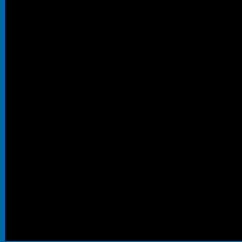
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3740, 42.7066, -71.3650

Background



This preview shows how black text looks on a background with the YUV color 81.3740, 42.7066, -71.3650.



This preview shows how white text looks on a background with the YUV color 81.3740, 42.7066, -71.3650.

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



Protanopia

99.6040, 30.7612, -19.8237

Deuteranopia

95.8840, 36.0462, -34.9783

Tritanopia

80.1250, 20.1514, -70.2696

Trichromacy



Protanomaly

93.2210, 34.8940, -38.7818

Deuteranomaly

90.4910, 38.7049, -47.7886

Tritanomaly

80.3020, 28.4451, -70.4249

Monochromacy



Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2600, 15.6478, -25.6610

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3740, 42.7066, -71.3650 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, 106, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 168)  
}
```

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, 106, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 168) }
```

Border

The CSS property to change the border of an element to YUV 81.3740, 42.7066, -71.3650 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, 106, 168) }
```

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

```
.border{ border-color:rgb(0, 106, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 106, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
168) }
```


Background

The CSS property to change the background color of an element to YUV 81.3740, 42.7066, -71.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 168) }
```

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

```
.background{ background-color: rgb(0, 106,  
168) }
```

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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