

Converting Colors

YUV(82.8610, 30.6345,
-72.6691)

Have a look what the booklet for
YUV(82.8610, 30.6345, -72.6691)
contains.

YUV(82.8610, 30.6345, -72.6691)	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(82.8610, 30.6345,
-72.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	007191
RGB	0, 113, 145
RGB Percent	0%, 44%, 57%
CMY	1.0000, 0.5569, 0.4314
CMYK	1.00, 0.22, 0.00, 0.43
HSL	193°, 100%, 28%
HSV	193°, 100%, 57%
XYZ	11.0160, 13.8546, 28.8817
YIQ	82.8610, -77.6200, -14.0040

Conversions

Conversions Part 2

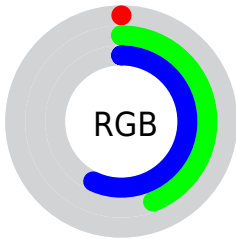
Format	Color
RYB	0, 64, 145
Decimal	29073
CIELab	44.02, -14.94, -25.02
CIELCh	44, 29.138, 239.148
Yxy	13.8546, 0.2049, 0.2577
Android (android.graphics.Color)	4278219153 (0xFF007191)
YUV	82.8610, 30.6345, -72.6691
Hunter-Lab	37.2218, -12.3101, -19.9500

Details

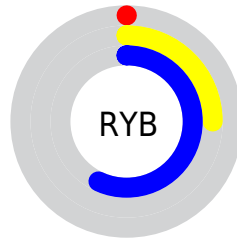
The YUV color **82.8610, 30.6345, -72.6691** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **62.1390, -30.6345, 72.6691**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3580, 26.9385, -53.8110**, and **48.8710, 22.2486, -42.8599** is the 20% darker color. If you saturate the color by 10%, you get **82.8610, 30.6345, -72.6691**, and if you desaturate by 10%, it is **88.8080, 27.7027, -65.6066**.

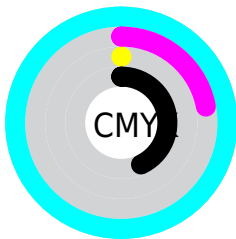
Distribution



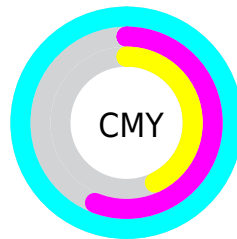
- Red (0%)
- Green (44%)
- Blue (57%)



- Red (0%)
- Yellow (25%)
- Blue (57%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (56%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8610, 30.6345, -72.6691 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 82.8610, 30.6345, -72.6691 by changing the saturation by 10% instead.

82.8610, 30.6345,
-72.6691

82.8610, 30.6345,
-72.6691

255.0000, 0.0000,
0.0000

65.2220, 26.5126,
-57.1997

144.3580, 26.9385,
-53.8110

48.8710, 22.2486,
-42.8599

172.3690, 26.9331,
-52.0666

33.3350, 18.5688,
-29.2348

200.3690, 26.9331,
-52.0666

19.5600, 14.0209,
-17.1541

225.4760, 14.5553,
-48.6525

3.6650, 11.5042,
-3.2142

238.5550, 8.1074,
-33.8127

0.0000, 0.0000,
0.0000

247.2260, 3.8326,

-15.9842

■ 82.8610, 30.6345,
-72.6691

■ 88.8080, 27.7027,
-65.6066

■ 95.0540, 24.6234,
-57.9294

■ 101.8870, 21.2547,
-50.7669

■ 107.8340, 18.3228,
-43.7044

■ 114.0800, 15.2436,
-36.0272

■ 120.0270, 12.3117,
-28.9647

■ 126.2730, 9.2324,
-21.2874

■ 132.8070, 6.0111,
-14.7397

■ 139.0530, 2.9319,
-7.0625

Harmonies

Analogous

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



82.5700, 21.9040, -72.4139



82.8610, 30.6345, -72.6691



99.5720, 25.8470, -30.3196

Triad

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



82.8610, 30.6345, -72.6691



106.5300, -0.2613, 37.2462



99.9290, -19.1920, -4.3227

Complementary

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



82.8610, 30.6345, -72.6691



62.1390, -30.6345, 72.6691

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.



102.0240, -23.1828, 15.7650



82.8610, 30.6345, -72.6691



105.2670, -11.4706, 39.2308

Square

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



82.8610, 30.6345, -72.6691



107.0150, 10.8386, 23.6658



103.9210, -20.1741, 30.7643



95.5440, -8.6492, -25.9101

Rectangle

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



82.8610, 30.6345, -72.6691



104.1940, 22.5824, -9.8171



103.9210, -20.1741, 30.7643



100.4030, -21.3977, 3.1546

Sweetspot

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



82.8610, 30.6345, -72.6691



164.3260, 12.1643, -28.3499



88.6490, -28.4210, -77.7452



79.7250, 7.0376, -17.2988



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



82.8610, 30.6345, -72.6691



107.8350, 40.0143, -94.5713



40.5970, 51.4707, -35.6036



68.3200, 1.3212, -3.7886



77.0250, 28.5817, -67.5509



4.4340, 1.7580, -3.8886

Inverse Universe

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



56.2370, 27.9842, 77.8452



73.2690, 36.3494, 101.4961



104.4030, -51.4707, 35.6036



66.7770, 1.5889, 3.7036



52.3350, 25.9638, 72.4972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 82.8610, 30.6345, -72.6691 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 82.8610, 30.6345, -72.6691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

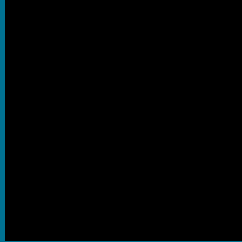
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8610, 30.6345, -72.6691

Background



This preview shows how black text looks on a background with the YUV color 82.8610, 30.6345, -72.6691.



This preview shows how white text looks on a background with the YUV color 82.8610, 30.6345,

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

104.1850, 16.1778, -8.9322

Deuteranopia

103.5310, 21.4302, -13.6207

Tritanopia

82.2280, 20.5936, -72.1140

Trichromacy



Protanomaly

96.7090, 21.3425, -32.1938

Deuteranomaly

96.1970, 24.5529, -35.2528

Tritanomaly

82.5530, 24.3774, -72.3990

Monochromacy



Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1090, 11.2853, -26.4056

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8610, 30.6345, -72.6691 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, 113, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 145)  
}
```

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, 113, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 145) }
```

Border

The CSS property to change the border of an element to YUV 82.8610, 30.6345, -72.6691 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, 113, 145) }
```

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

```
.border{ border-color:rgb(0, 113, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 113, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
145) }
```


Background

The CSS property to change the background color of an element to YUV 82.8610, 30.6345, -72.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 145) }
```

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

```
.background{ background-color: rgb(0, 113,  
145) }
```

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