

Converting Colors

YUV(83.1060, 29.0347,
-72.8840)

Have a look what the booklet for
YUV(83.1060, 29.0347, -72.8840)
contains.

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Color

**YUV(83.1060, 29.0347,
-72.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	00728E
RGB	0, 114, 142
RGB Percent	0%, 45%, 56%
CMY	1.0000, 0.5529, 0.4431
CMYK	1.00, 0.20, 0.00, 0.44
HSL	192°, 100%, 28%
HSV	192°, 100%, 56%
XYZ	10.8998, 13.9876, 27.7166
YIQ	83.1060, -76.9320, -15.4600

Conversions

Conversions Part 2

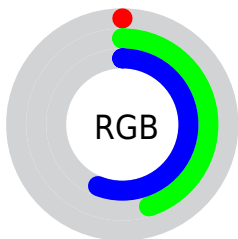
Format	Color
RYB	0, 63, 142
Decimal	29326
CIELab	44.22, -16.63, -22.93
CIELCh	44, 28.327, 234.055
Yxy	13.9876, 0.2072, 0.2659
Android (android.graphics.Color)	4278219406 (0xFF00728E)
YUV	83.1060, 29.0347, -72.8840
Hunter-Lab	37.4000, -13.4283, -17.7589

Details

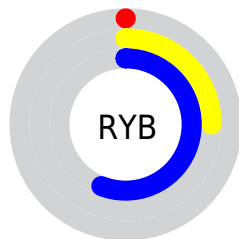
The YUV color **83.1060, 29.0347, -72.8840** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **58.8940, -29.0347, 72.8840**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6030, 25.3387, -54.0258**, and **49.2300, 21.0856, -43.1747** is the 20% darker color. If you saturate the color by 10%, you get **83.1060, 29.0347, -72.8840**, and if you desaturate by 10%, it is **89.0530, 26.1029, -65.8215**.

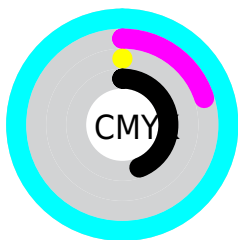
Distribution



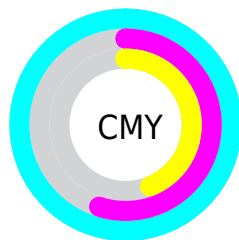
- Red (0%)
- Green (45%)
- Blue (56%)



- Red (0%)
- Yellow (25%)
- Blue (56%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1060, 29.0347, -72.8840 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 83.1060, 29.0347, -72.8840 by changing the saturation by 10% instead.

■ 83.1060, 29.0347,
-72.8840

■ 83.1060, 29.0347,
-72.8840

■ 255.0000, 0.0000,
0.0000

■ 65.4670, 24.9128,
-57.4146

■ 144.6030, 25.3387,
-54.0258

■ 49.2300, 21.0856,
-43.1747

■ 172.3150, 25.4807,
-52.8963

■ 33.5800, 16.9691,
-29.4497

■ 200.6140, 25.3333,
-52.2815

■ 19.9190, 12.8579,
-17.4690

■ 226.6500, 13.9766,
-49.6820

■ 3.4370, 10.6306,
-3.0142

■ 238.2560, 8.2548,
-34.4275

■ 0.0000, 0.0000,
0.0000

■ 246.9270, 3.9800,

-16.5990

■ 83.1060, 29.0347,
-72.8840

■ 89.0530, 26.1029,
-65.8215

■ 95.0000, 23.1710,
-58.7590

■ 100.6590, 20.3811,
-50.5669

■ 106.6060, 17.4492,
-43.5045

■ 112.5530, 14.5174,
-36.4420

■ 118.5000, 11.5855,
-29.3795

■ 124.4470, 8.6536,
-22.3170

■ 130.1060, 5.8637,
-14.1250

■ 136.0530, 2.9319,
-7.0625

Harmonies

Analogous

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



82.7010, 19.8674, -72.5288



83.1060, 29.0347, -72.8840



98.5500, 25.8579, -33.8083

Triad

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



83.1060, 29.0347, -72.8840



106.6760, 1.6387, 34.4871



100.8370, -19.6396, -0.7340

Complementary

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



83.1060, 29.0347, -72.8840



58.8940, -29.0347, 72.8840

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.



103.4480, -22.8989, 18.0241



83.1060, 29.0347, -72.8840



105.8370, -9.2866, 38.7310

Square

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



83.1060, 29.0347, -72.8840



107.9220, 11.8705, 19.3624



104.3880, -18.4323, 32.1087



97.4090, -10.5546, -21.4067

Rectangle

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



83.1060, 29.0347, -72.8840



103.8730, 22.7406, -13.9206



104.3880, -18.4323, 32.1087



102.0120, -21.6979, 6.1285

Sweetspot

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



83.1060, 29.0347, -72.8840



161.0980, 11.2907, -28.1499



86.3180, -29.7368, -75.7009



78.0240, 6.8902, -16.6840



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



83.1060, 29.0347, -72.8840



107.2650, 37.8304, -94.0714



42.6030, 49.0027, -37.3628



68.3200, 1.3212, -3.7886



79.3730, 27.4241, -69.6101



4.4340, 1.7580, -3.8886

Inverse Universe

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



55.4540, 28.8632, 75.9008



71.7740, 37.0864, 98.4222



99.3970, -49.0027, 37.3628



66.7770, 1.5889, 3.7036



52.7910, 27.7110, 72.0973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 83.1060, 29.0347, -72.8840 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 83.1060, 29.0347, -72.8840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

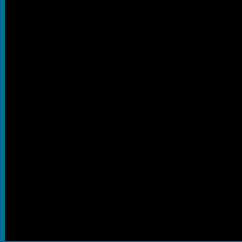
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1060, 29.0347, -72.8840

Background



This preview shows how black text looks on a background with the YUV color 83.1060, 29.0347, -72.8840.

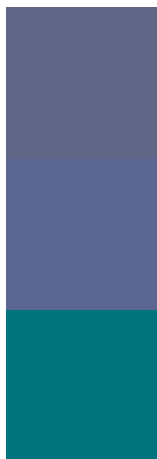


This preview shows how white text looks on a background with the YUV color 83.1060, 29.0347, -72.8840.

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

104.4410, 14.5726, -7.4028

Deuteranopia

104.2000, 20.1144, -11.5764

Tritanopia

82.3420, 21.0304, -72.2139

Trichromacy



Protanomaly

96.6660, 19.8847, -31.2791

Deuteranomaly

96.5670, 23.3845, -33.8233

Tritanomaly

82.4390, 23.9406, -72.2990

Monochromacy



Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8810, 10.4117, -26.2056

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1060, 29.0347, -72.8840 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, 114, 142)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 142)  
}
```

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, 114, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 142) }
```

Border

The CSS property to change the border of an element to YUV 83.1060, 29.0347, -72.8840 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, 114, 142) }
```

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

```
.border{ border-color:rgb(0, 114, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 114, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 142);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
142) }
```


Background

The CSS property to change the background color of an element to YUV 83.1060, 29.0347, -72.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 142) }
```

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

```
.background{ background-color: rgb(0, 114,  
142) }
```

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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