

Converting Colors

YUV(86.3340, 30.8943, 77.7601)

Have a look what the booklet for
YUV(86.3340, 30.8943, 77.7601)
contains.

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Color

**YUV(86.3340, 30.8943,
77.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	AF1D95
RGB	175, 29, 149
RGB Percent	69%, 11%, 58%
CMY	0.3137, 0.8863, 0.4157
CMYK	0.00, 0.83, 0.15, 0.31
HSL	311°, 72%, 40%
HSV	311°, 83%, 69%
XYZ	23.5434, 12.1626, 29.5405
YIQ	86.3340, 48.4960, 68.2720

Conversions

Conversions Part 2

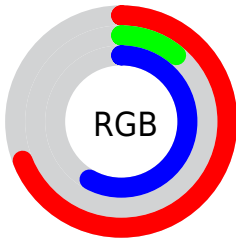
Format	Color
R _Y B	175, 29, 149
Decimal	11476373
CIE Lab	41.47, 66.28, -30.38
CIE LCh	41, 72.914, 335.375
Yxy	12.1626, 0.3608, 0.1864
Android (android.graphics.Color)	4289666453 (0xFFAF1D95)
YUV	86.3340, 30.8943, 77.7601
Hunter-Lab	34.8749, 59.4706, -25.8086

Details

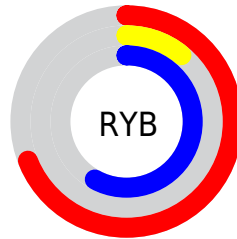
The YUV color **86.3340, 30.8943, 77.7601** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **117.6660, -30.8943, -77.7601**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2860, 26.9740, 75.1712**, and **46.4540, 25.4122, 62.7458** is the 20% darker color. If you saturate the color by 10%, you get **76.0130, 34.5036, 86.8116**, and if you desaturate by 10%, it is **97.2420, 26.9957, 68.1938**.

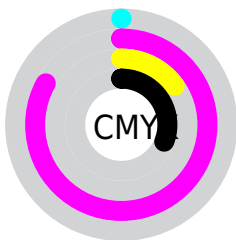
Distribution



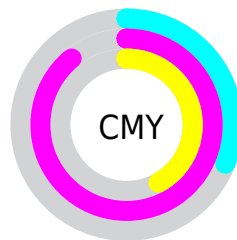
- Red (69%)
- Green (11%)
- Blue (58%)



- Red (69%)
- Yellow (11%)
- Blue (58%)



- Cyan (0%)
- Magenta (83%)
- Yellow (15%)
- Black (31%)





- Cyan (31%)
- Magenta (89%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.3340, 30.8943, 77.7601 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 86.3340, 30.8943, 77.7601 by changing the saturation by 10% instead.


 86.3340, 30.8943,
77.7601


 86.3340, 30.8943,
77.7601


255.0000, 0.0000,
0.0000


 57.6760, 32.2047,
77.4601


 148.2860, 26.9740,
75.1712


 46.4540, 25.4122,
62.7458

 174.3070, 28.4426,
70.7678


 35.3460, 19.0564,
47.9316

 193.9520, 30.0967,
53.5391

 25.2490, 12.6952,
34.8616

 210.9750, 21.7043,
38.6099

 14.0700, 7.3605,
19.2326

 227.9980, 13.3120,
23.6808

 0.0000, 0.0000,
0.0000

 245.0210, 4.9196,

8.7516

■ 86.3340, 30.8943,
77.7601

■ 86.3340, 30.8943,
77.7601

■ 76.0130, 34.5036,
86.8116

■ 97.2420, 26.9957,
68.1938

■ 68.7410, 37.1027,
93.1891

■ 107.5630, 23.3864,
59.1422

■ 118.4710, 19.4878,
49.5759

■ 128.7920, 15.8785,
40.5244

■ 139.8140, 12.4167,
30.8581

■ 150.1350, 8.8074,
21.8066

■ 161.0430, 4.9088,
12.2403

■ 171.3640, 1.2995,
3.1888

■ 182.2720, -2.5991,
-6.3775

Harmonies

Analogous

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



98.1770, 48.7197, 6.8608



86.3340, 30.8943, 77.7601



69.7610, 9.9778, 113.3426

Triad

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



86.3340, 30.8943, 77.7601



91.3020, -45.0119, 17.2751



90.6520, 37.6396, -79.5018

Complementary

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



86.3340, 30.8943, 77.7601



117.6660, -30.8943, -77.7601

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.



83.8120, 11.4317, -73.5031



86.3340, 30.8943, 77.7601



78.8890, -38.8923, -32.3517

Square

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



86.3340, 30.8943, 77.7601



91.2670, -44.9946, 58.5248



74.7550, -15.6552, -65.5601



92.3910, 56.9952, -81.0269

Rectangle

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



86.3340, 30.8943, 77.7601



69.7010, -9.2196, 110.7642



74.7550, -15.6552, -65.5601



89.0730, 29.0510, -78.1170

Sweetspot

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



86.3340, 30.8943, 77.7601



192.4010, 12.1273, 30.3433



52.8200, 60.2347, 0.1579



93.7710, 7.5079, 18.6178



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



86.3340, 30.8943, 77.7601



89.1910, 48.2198, 120.8585



78.2400, -0.1183, 84.8585



81.4890, 1.7309, 4.8331



58.9860, 32.0519, 79.8193



9.0430, 4.9088, 12.2403

Inverse Universe

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



86.3340, 30.8943, 77.7601



89.1910, 48.2198, 120.8585



125.7600, 0.1183, -84.8585



81.4890, 1.7309, 4.8331



58.9860, 32.0519, 79.8193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 86.3340, 30.8943, 77.7601 looks on a white background.

Color Contrast Check

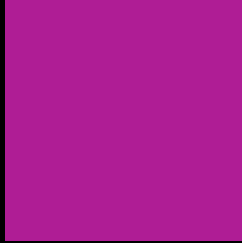
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.3340, 30.8943, 77.7601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

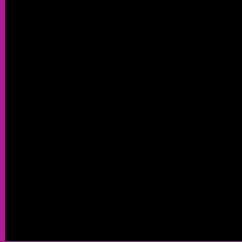
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.3340, 30.8943, 77.7601

Background



This preview shows how black text looks on a background with the YUV color 86.3340, 30.8943, 77.7601.



This preview shows how white text looks on a background with the YUV color 86.3340, 30.8943,

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

86.3340, 30.8943, 77.7601

Protanopia

78.9070, 61.1778, -69.2014

Deuteranopia

98.6020, 20.4092, -12.8060



Tritanopia

94.8510, -13.7305, 64.1517

Trichromacy



Original Color

86.3340, 30.8943, 77.7601



Protanomaly

81.6750, 49.9532, -15.5010



Deuteranomaly

94.1360, 24.0900, 20.0517



Tritanomaly

92.1240, 2.4039, 69.1743

Monochromacy



Original Color

86.3340, 30.8943, 77.7601



Achromatopsia

86.0000, 0.0000, 0.0000



Achromatomaly

85.8630, 11.4065, 28.1841

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3340, 30.8943, 77.7601 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(175, 29, 149)` looks like.

```
.text, #text, p{  
  color:rgb(175, 29, 149)  
}
```

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(175, 29, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 29, 149) }
```

Border

The CSS property to change the border of an element to YUV 86.3340, 30.8943, 77.7601 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(175, 29, 149) }
```


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

```
.border{ border-color:rgb(175, 29, 149) }
```

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

Here you see how a box with a 4 pixel rgb(175, 29, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 29, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 29, 149);  
box-shadow:4px 4px 4px 4px rgb(175, 29,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 86.3340, 30.8943, 77.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 29, 149) }
```

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

```
.background{ background-color: rgb(175, 29,  
149) }
```

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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