

Converting Colors

YUV(85.5030, 31.3040, 86.3819)

Have a look what the booklet for
YUV(85.5030, 31.3040, 86.3819)
contains.

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Color

**YUV(85.5030, 31.3040,
86.3819)**

Conversions

Conversions Part 1

Format	Color
Hex	B81795
RGB	184, 23, 149
RGB Percent	72%, 9%, 58%
CMY	0.2784, 0.9098, 0.4157
CMYK	0.00, 0.88, 0.19, 0.28
HSL	313°, 78%, 41%
HSV	313°, 88%, 72%
XYZ	25.4984, 12.9731, 29.5939
YIQ	85.5030, 55.5100, 73.3180

Conversions

Conversions Part 2

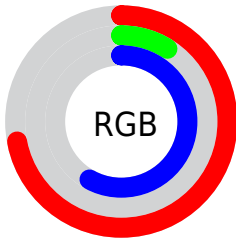
Format	Color
R_{YB}	184, 23, 149
Decimal	12064661
CIE _{Lab}	42.72, 69.36, -28.31
CIE _{LCh}	43, 74.913, 337.799
Yxy	12.9731, 0.3746, 0.1906
Android (android.graphics.Color)	4290254741 (0xFFB81795)
YUV	85.5030, 31.3040, 86.3819
Hunter-Lab	36.0181, 63.3340, -23.5023

Details

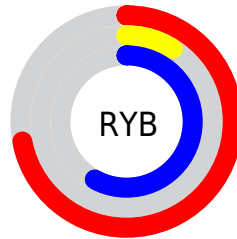
The YUV color **85.5030, 31.3040, 86.3819** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **121.4970, -31.3040, -86.3819**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6890, 25.7893, 81.8337**, and **48.8460, 24.2329, 67.6641** is the 20% darker color. If you saturate the color by 10%, you get **74.4810, 34.7659, 96.0482**, and if you desaturate by 10%, it is **96.5250, 27.8422, 76.7156**.

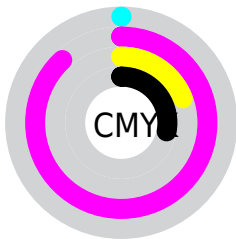
Distribution



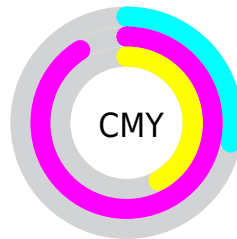
- Red (72%)
- Green (9%)
- Blue (58%)



- Red (72%)
- Yellow (9%)
- Blue (58%)



- Cyan (0%)
- Magenta (88%)
- Yellow (19%)
- Black (28%)





- Cyan (28%)
- Magenta (91%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.5030, 31.3040, 86.3819 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 85.5030, 31.3040, 86.3819 by changing the saturation by 10% instead.


 85.5030, 31.3040,
86.3819


 85.5030, 31.3040,
86.3819


255.0000, 0.0000,
0.0000


 60.3670, 30.8781,
82.9931


 150.6890, 25.7893,
81.8337


 48.8460, 24.2329,
67.6641


 174.3070, 28.4426,
70.7678


 37.7380, 17.8772,
52.8498

 193.9520, 30.0967,
53.5391

 27.0430, 11.8108,
38.5503

 210.9750, 21.7043,
38.6099

 16.1630, 6.3286,
23.5360

 227.9980, 13.3120,
23.6808

 0.0000, 0.0000,
0.0000

 245.6080, 4.6303,

■ 85.5030, 31.3040,
86.3819

■ 85.5030, 31.3040,
86.3819

■ 74.4810, 34.7659,
96.0482

■ 96.5250, 27.8422,
76.7156

■ 71.4320, 35.7760,
98.7221

■ 108.1340, 24.0909,
66.5345

■ 119.1560, 20.6291,
56.8682

■ 130.7650, 16.8779,
46.6871

■ 141.7870, 13.4160,
37.0208

■ 152.8090, 9.9542,
27.3545

■ 164.4180, 6.2029,
17.1734

■ 175.4400, 2.7411,
7.5071

■ 187.0490, -1.0102,
-2.6740

Harmonies

Analogous

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



101.8080, 48.4087, 13.3234



85.5030, 31.3040, 86.3819



71.3270, 8.2198, 117.2312

Triad

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



85.5030, 31.3040, 86.3819



93.6390, -46.1640, 13.4716



94.0260, 40.4132, -82.4608

Complementary

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



85.5030, 31.3040, 86.3819



121.4970, -31.3040, -86.3819

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.



87.1860, 14.2053, -76.4621



85.5030, 31.3040, 86.3819



78.2470, -38.5758, -40.5586

Square

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



85.5030, 31.3040, 86.3819



94.5010, -46.5890, 56.5656



78.4880, -14.0446, -68.8340



95.1780, 60.0582, -83.4711

Rectangle

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



85.5030, 31.3040, 86.3819



74.9630, -13.2928, 110.5344



78.4880, -14.0446, -68.8340



91.9740, 32.5508, -80.6612

Sweetspot

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



85.5030, 31.3040, 86.3819



201.4230, 12.1165, 33.8320



51.8190, 65.1652, 5.4207



97.3690, 7.2131, 19.8474



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



85.5030, 31.3040, 86.3819



93.1920, 46.7403, 128.7506



76.3830, -3.6398, 94.3801



86.4890, 1.7309, 4.8331



60.5520, 30.2939, 83.7079



10.8800, 5.4822, 15.0142

Inverse Universe

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



85.5030, 31.3040, 86.3819



93.1920, 46.7403, 128.7506



130.6170, 3.6398, -94.3801



86.4890, 1.7309, 4.8331



60.5520, 30.2939, 83.7079



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 85.5030, 31.3040, 86.3819 looks on a white background.

Color Contrast Check

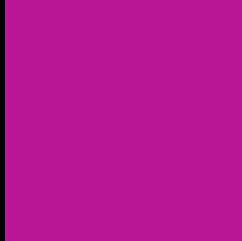
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.5030, 31.3040, 86.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

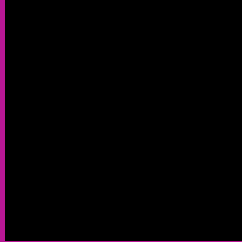
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.5030, 31.3040, 86.3819

Background



This preview shows how black text looks on a background with the YUV color 85.5030, 31.3040, 86.3819.



This preview shows how white text looks on a background with the YUV color 85.5030, 31.3040,

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

85.5030, 31.3040, 86.3819

Protanopia

88.5880, 58.3771, -57.5207

Deuteranopia

102.4560, 18.5092, -10.0469



Tritanopia

96.1400, -15.3520, 70.9142

Trichromacy



Original Color

85.5030, 31.3040, 86.3819



Protanomaly

87.3990, 48.6103, -4.7349



Deuteranomaly

96.5280, 22.9107, 24.9699



Tritanomaly

92.3530, 1.7980, 76.8664

Monochromacy



Original Color

85.5030, 31.3040, 86.3819



Achromatopsia

86.0000, 0.0000, 0.0000



Achromatomaly

85.8850, 11.3957, 31.6729

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5030, 31.3040, 86.3819 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(184, 23, 149)` looks like.

```
.text, #text, p{  
    color:rgb(184, 23, 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(184, 23, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 23, 149) }
```

Border

The CSS property to change the border of an element to YUV 85.5030, 31.3040, 86.3819 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(184, 23, 149) }
```


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

```
.border{ border-color:rgb(184, 23, 149) }
```

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

Here you see how a box with a 4 pixel rgb(184, 23, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 23, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 23, 149);  
box-shadow:4px 4px 4px 4px rgb(184, 23,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 85.5030, 31.3040, 86.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 23, 149) }
```

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

```
.background{ background-color: rgb(184, 23,  
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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