

Converting Colors

YUV(82.2600, 26.4938, 89.2260)

Have a look what the booklet for
YUV(82.2600, 26.4938, 89.2260)
contains.

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Color

**YUV(82.2600, 26.4938,
89.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	B81488
RGB	184, 20, 136
RGB Percent	72%, 8%, 53%
CMY	0.2784, 0.9216, 0.4667
CMYK	0.00, 0.89, 0.26, 0.28
HSL	318°, 80%, 40%
HSV	318°, 89%, 72%
XYZ	24.4613, 12.4682, 24.4099
YIQ	82.2600, 60.5080, 70.8440

Conversions

Conversions Part 2

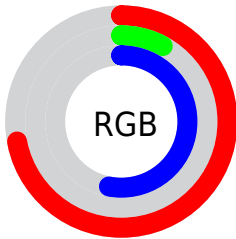
Format	Color
R_{YB}	184, 20, 136
Decimal	12063880
CIE _{Lab}	41.95, 68.25, -21.58
CIE _{LCh}	42, 71.584, 342.453
Yxy	12.4682, 0.3988, 0.2033
Android (android.graphics.Color)	4290253960 (0xFFB81488)
YUV	82.2600, 26.4938, 89.2260
Hunter-Lab	35.3104, 61.8626, -16.2696

Details

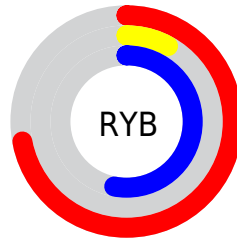
The YUV color **82.2600, 26.4938, 89.2260** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **121.7400, -26.4938, -89.2260**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0330, 20.6897, 84.1631**, and **47.4780, 18.9913, 68.8638** is the 20% darker color. If you saturate the color by 10%, you get **71.1240, 29.5189, 98.9923**, and if you desaturate by 10%, it is **93.3960, 23.4688, 79.4597**.

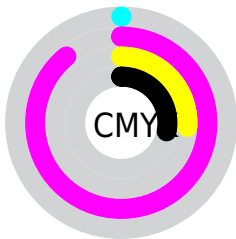
Distribution



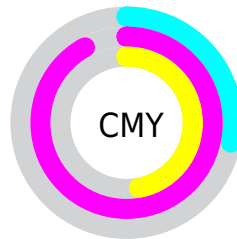
- Red (72%)
- Green (8%)
- Blue (53%)



- Red (72%)
- Yellow (8%)
- Blue (53%)



- Cyan (0%)
- Magenta (89%)
- Yellow (26%)
- Black (28%)



- Cyan (28%)
- Magenta (92%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.2600, 26.4938, 89.2260 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 82.2600, 26.4938, 89.2260 by changing the saturation by 10% instead.

■ 82.2600, 26.4938,
89.2260

■ 82.2600, 26.4938,
89.2260

■ 255.0000, 0.0000,
0.0000

■ 58.8850, 25.1997,
84.2929

■ 148.0330, 20.6897,
84.1631

■ 47.4780, 18.9913,
68.8638

■ 171.4230, 22.4695,
73.2970

■ 36.3700, 12.6356,
54.0495

■ 191.7520, 26.7443,
55.4685

■ 25.9030, 7.4428,
39.5501

■ 209.8010, 22.2831,
39.6395

■ 14.9090, 1.5239,
24.6358

■ 226.8240, 13.8908,
24.7104

■ 0.0000, 0.0000,
0.0000

■ 244.4340, 5.2090,

■ 82.2600, 26.4938,
89.2260

■ 82.2600, 26.4938,
89.2260

■ 71.1240, 29.5189,
98.9923

■ 93.3960, 23.4688,
79.4597

■ 69.8360, 29.6609,
100.1218

■ 105.2330, 20.5911,
69.0787

■ 116.3690, 17.5661,
59.3124

■ 128.2060, 14.6884,
48.9313

■ 139.3420, 11.6634,
39.1651

■ 150.4780, 8.6383,
29.3988

■ 162.3150, 5.7607,
19.0177

■ 173.4510, 2.7357,
9.2515

■ 185.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



100.3920, 42.6977, 25.0892



82.2600, 26.4938, 89.2260



68.2790, 4.2995, 114.6423

Triad

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



82.2600, 26.4938, 89.2260



90.6490, -44.6900, 7.3238



91.9060, 42.4443, -80.6016

Complementary

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



82.2600, 26.4938, 89.2260



121.7400, -26.4938, -89.2260

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.



86.2230, 18.1311, -75.6176



82.2600, 26.4938, 89.2260



70.7830, -34.8960, -54.1837

Square

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



82.2600, 26.4938, 89.2260



93.2720, -45.9831, 48.8735



77.9810, -8.3716, -68.3893



92.3740, 59.4686, -81.0120

Rectangle

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



82.2600, 26.4938, 89.2260



81.2250, -20.8169, 97.1497



77.9810, -8.3716, -68.3893



90.5550, 34.7294, -79.4167

Sweetspot

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



82.2600, 26.4938, 89.2260



199.6790, 10.5113, 35.3615



52.4500, 64.8542, 11.8834



95.8530, 6.4815, 21.1769



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.



82.2600, 26.4938, 89.2260



91.1400, 38.8780, 130.5502



73.1400, -8.4500, 97.2242



86.3750, 1.2941, 4.9331



59.1840, 25.0523, 84.9076



10.6520, 4.6086, 15.2142

Inverse Universe

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



82.2600, 26.4938, 89.2260



91.1400, 38.8780, 130.5502



130.8600, 8.4500, -97.2242



86.3750, 1.2941, 4.9331



59.1840, 25.0523, 84.9076



10.6520, 4.6086, 15.2142

Previews

White Background



This preview shows how the YUV color 82.2600, 26.4938, 89.2260 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 82.2600, 26.4938, 89.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

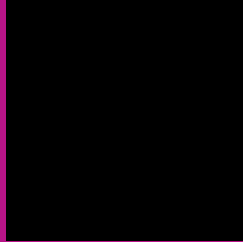
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.2600, 26.4938, 89.2260

Background



This preview shows how black text looks on a background with the YUV color 82.2600, 26.4938, 89.2260.



This preview shows how white text looks on a background with the YUV color 82.2600, 26.4938,

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

82.2600, 26.4938, 89.2260

Protanopia

93.3640, 48.1345, -38.9072

Deuteranopia

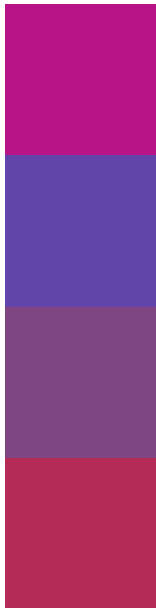
101.2950, 12.6726, -4.6437



Tritanopia

92.8200, -16.6733, 74.7029

Trichromacy



Original Color

82.2600, 26.4938, 89.2260

Protanomaly

89.2990, 40.2786, 7.6308

Deuteranomaly

94.1820, 17.6583, 29.6584

Tritanomaly

88.9790, -0.9756, 79.8254

Monochromacy



Original Color

82.2600, 26.4938, 89.2260

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8420, 9.9379, 32.5876

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2600, 26.4938, 89.2260 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, 20, 136)` looks like.

```
.text, #text, p{  
    color:rgb(184, 20, 136)  
}
```

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, 20, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 20, 136) }
```

Border

The CSS property to change the border of an element to YUV 82.2600, 26.4938, 89.2260 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, 20, 136) }
```


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

```
.border{ border-color:rgb(184, 20, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 20, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 20, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 20, 136); box-shadow:4px 4px 4px 4px rgb(184, 20, 136) }
```

Background

The CSS property to change the background color of an element to YUV 82.2600, 26.4938, 89.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 20, 136) }
```

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

```
.background{ background-color: rgb(184, 20,  
136) }
```

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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