

Converting Colors

YUV(87.9620, 1.4977, 79.8403)

Have a look what the booklet for
YUV(87.9620, 1.4977, 79.8403)
contains.

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Color

**YUV(87.9620, 1.4977,
79.8403)**

Conversions

Conversions Part 1

Format	Color
Hex	B3295B
RGB	179, 41, 91
RGB Percent	70%, 16%, 36%
CMY	0.2980, 0.8392, 0.6431
CMYK	0.00, 0.77, 0.49, 0.30
HSL	338°, 63%, 43%
HSV	338°, 77%, 70%
XYZ	21.2717, 11.9249, 11.0781
YIQ	87.9620, 66.1980, 44.8060

Conversions

Conversions Part 2

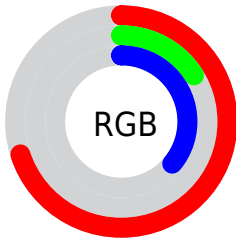
Format	Color
R_{YB}	179, 41, 91
Decimal	11741531
CIE Lab	41.10, 57.46, 5.07
CIE LCh	41, 57.687, 5.046
Yxy	11.9249, 0.4804, 0.2693
Android (android.graphics.Color)	4289931611 (0xFFB3295B)
YUV	87.9620, 1.4977, 79.8403
Hunter-Lab	34.5325, 49.5225, 5.1523

Details

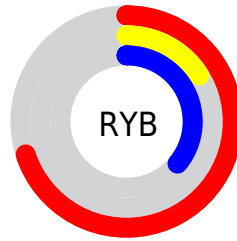
The YUV color **87.9620, 1.4977, 79.8403** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **132.0380, -1.4977, -79.8403**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2350, -2.5809, 81.3549**, and **41.1240, 2.4039, 69.1743** is the 20% darker color. If you saturate the color by 10%, you get **76.1420, 1.9020, 90.2065**, and if you desaturate by 10%, it is **99.7820, 1.0935, 69.4742**.

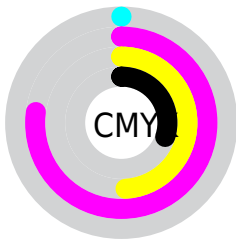
Distribution



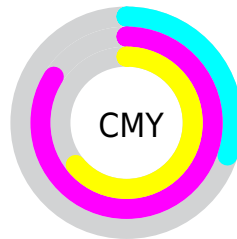
- Red (70%)
- Green (16%)
- Blue (36%)



- Red (70%)
- Yellow (16%)
- Blue (36%)



- Cyan (0%)
- Magenta (77%)
- Yellow (49%)
- Black (30%)



- Cyan (30%)
- Magenta (84%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.9620, 1.4977, 79.8403 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 87.9620, 1.4977, 79.8403 by changing the saturation by 10% instead.

87.9620, 1.4977,
79.8403

87.9620, 1.4977,
79.8403

255.0000, 0.0000,
0.0000

52.3030, 7.7386,
84.8033

146.2350, -2.5809,
81.3549

41.1240, 2.4039,
69.1743

169.8320, -1.3962,
74.6923

30.4720, -2.2047,
53.9601

189.3460, 2.2944,
57.5786

19.9620, -8.8553,
40.3753

209.5610, 6.1324,
39.8500

9.9810, -4.4276,
20.1877

229.8900, 10.4072,
22.0215

0.0000, 0.0000,
0.0000

247.3690, 3.7621,

6.6924

■ 87.9620, 1.4977,
79.8403

■ 87.9620, 1.4977,
79.8403

■ 76.1420, 1.9020,
90.2065

■ 99.7820, 1.0935,
69.4742

■ 64.2080, 1.8695,
100.6726

■ 111.7160, 1.1260,
59.0081

■ 60.9310, 2.0060,
103.5465

■ 123.5360, 0.7218,
48.6419

■ 135.4700, 0.7543,
38.1758

■ 147.2900, 0.3500,
27.8097

■ 158.5230, 0.2352,
17.9583

■ 170.4570, 0.2677,
7.4922

■ 182.2770, -0.1366,
-2.8739

■ 194.2110, -0.1040,
-13.3400

Harmonies

Analogous

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



95.5580, 20.9239, 55.6386



87.9620, 1.4977, 79.8403



89.7290, -22.0514, 73.0287

Triad

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



87.9620, 1.4977, 79.8403



81.9230, -40.3880, -19.2265



86.6060, 47.5222, -75.9535

Complementary

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



87.9620, 1.4977, 79.8403



132.0380, -1.4977, -79.8403

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.



85.7790, 31.6610, -75.2282



87.9620, 1.4977, 79.8403



73.6610, -9.6929, -64.6007

Square

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



87.9620, 1.4977, 79.8403



90.4160, -44.5751, 17.1752



81.1220, 11.2789, -71.1440



80.5880, 54.9261, -70.6757

Rectangle

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



87.9620, 1.4977, 79.8403



90.9880, -38.4481, 58.7695



81.1220, 11.2789, -71.1440



87.3410, 42.7229, -76.5981

Sweetspot

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



87.9620, 1.4977, 79.8403



197.0130, 0.4866, 30.6836



82.7450, 47.4537, 39.6886



95.2350, 0.3771, 19.0879



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



87.9620, 1.4977, 79.8403



89.4760, 2.2303, 124.9935



92.8280, -25.5512, 75.5728



83.1470, 0.4205, 5.1331



52.0170, 1.4706, 88.5621



8.8000, 0.0986, 15.0844

Inverse Universe

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



87.9620, 1.4977, 79.8403



89.4760, 2.2303, 124.9935



127.1720, 25.5512, -75.5728



83.1470, 0.4205, 5.1331



52.0170, 1.4706, 88.5621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 87.9620, 1.4977, 79.8403 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 87.9620, 1.4977, 79.8403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

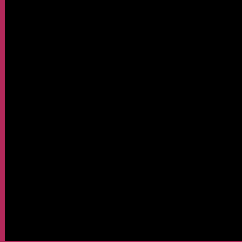
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.9620, 1.4977, 79.8403

Background



This preview shows how black text looks on a background with the YUV color 87.9620, 1.4977, 79.8403.



This preview shows how white text looks on a background with the YUV color 87.9620, 1.4977,

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

87.9620, 1.4977, 79.8403

Protanopia

98.3550, 11.6570, -5.5733

Deuteranopia

98.2420, -7.0213, 12.0658



Tritanopia

88.9020, -17.6997, 77.2619

Trichromacy



Original Color

87.9620, 1.4977, 79.8403

Protanomaly

94.9290, 7.9230, 25.4953

Deuteranomaly

94.6070, -3.7503, 36.3017

Tritanomaly

88.4490, -10.5744, 78.5362

Monochromacy



Original Color

87.9620, 1.4977, 79.8403

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0020, 0.4920, 28.9392

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9620, 1.4977, 79.8403 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(179, 41, 91)` looks like.

```
.text, #text, p{  
    color:rgb(179, 41, 91)  
}
```

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(179, 41, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 41, 91) }
```

Border

The CSS property to change the border of an element to YUV 87.9620, 1.4977, 79.8403 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(179, 41, 91) }
```


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

```
.border{ border-color:rgb(179, 41, 91) }
```

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

Here you see how a box with a 4 pixel rgb(179, 41, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 41, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 41, 91);  
box-shadow:4px 4px 4px 4px rgb(179, 41,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 87.9620, 1.4977, 79.8403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 41, 91) }
```

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

```
.background{ background-color: rgb(179, 41,  
91) }
```

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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