

Converting Colors

YUV(81.1620, 41.8251, 71.7719)

Have a look what the booklet for
YUV(81.1620, 41.8251, 71.7719)
contains.

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Color

**YUV(81.1620, 41.8251,
71.7719)**

Conversions

Conversions Part 1

Format	Color
Hex	A317A6
RGB	163, 23, 166
RGB Percent	64%, 9%, 65%
CMY	0.3608, 0.9098, 0.3490
CMYK	0.02, 0.86, 0.00, 0.35
HSL	299°, 76%, 37%
HSV	299°, 86%, 65%
XYZ	22.2936, 11.1525, 37.0540
YIQ	81.1620, 37.5370, 74.1530

Conversions

Conversions Part 2

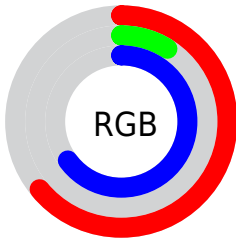
Format	Color
R_{YB}	163, 23, 166
Decimal	10688422
CIE _{Lab}	39.84, 67.68, -43.36
CIE _{LCh}	40, 80.382, 327.352
Yxy	11.1525, 0.3162, 0.1582
Android (android.graphics.Color)	4288878502 (0xFFA317A6)
YUV	81.1620, 41.8251, 71.7719
Hunter-Lab	33.3954, 60.7186, -42.4089

Details

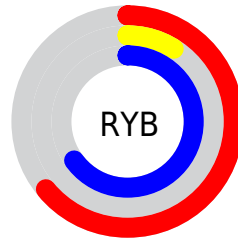
The YUV color **81.1620, 41.8251, 71.7719** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **107.8380, -41.8251, -71.7719**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.2170, 38.3470, 67.3387**, and **44.8750, 33.5856, 54.4836** is the 20% darker color. If you saturate the color by 10%, you get **71.1830, 46.7448, 80.5235**, and if you desaturate by 10%, it is **91.1410, 36.9055, 63.0203**.

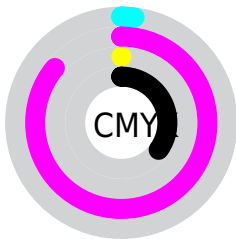
Distribution



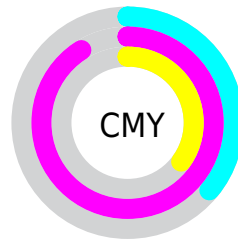
- Red (64%)
- Green (9%)
- Blue (65%)



- Red (64%)
- Yellow (9%)
- Blue (65%)



- Cyan (2%)
- Magenta (86%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (91%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.1620, 41.8251, 71.7719 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 81.1620, 41.8251, 71.7719 by changing the saturation by 10% instead.

81.1620, 41.8251,
71.7719

81.1620, 41.8251,
71.7719

255.0000, 0.0000,
0.0000

56.2110, 40.8150,
69.0980

144.2170, 38.3470,
67.3387

44.8750, 33.5856,
54.4836

172.9290, 38.4890,
68.4683

33.6530, 26.7931,
39.7693

191.6040, 31.2542,
55.5983

23.7410, 19.8477,
27.4141

208.0400, 23.1513,
41.1839

11.5510, 14.5184,
10.0408

225.0630, 14.7589,
26.2547

2.7530, 8.0098,
-2.4144

242.6730, 6.0772,

0.0000, 0.0000,

10.8108

0.0000

■ 81.1620, 41.8251,
71.7719

■ 81.1620, 41.8251,
71.7719

■ 71.1830, 46.7448,
80.5235

■ 91.1410, 36.9055,
63.0203

■ 67.6610, 48.4811,
83.6123

■ 100.8320, 32.1278,
55.3983

■ 110.8110, 27.2082,
46.6468

■ 120.2030, 22.5779,
38.4100

■ 130.4810, 17.5109,
30.2732

■ 140.4600, 12.5912,
21.5216

■ 149.8520, 7.9610,
13.2848

■ 160.1300, 2.8939,
5.1480

■ 169.5220, -1.7363,
-3.0888

Harmonies

Analogous

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



86.5020, 62.3635, -29.3813



81.1620, 41.8251, 71.7719



71.5420, 15.5088, 112.6577

Triad

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



81.1620, 41.8251, 71.7719



88.7100, -43.7340, 27.4413



87.8820, 32.1032, -77.0725

Complementary

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



81.1620, 41.8251, 71.7719



107.8380, -41.8251, -71.7719

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.



79.6570, 3.1271, -69.8592



81.1620, 41.8251, 71.7719



78.9550, -38.9248, -21.8855

Square

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



81.1620, 41.8251, 71.7719



83.6910, -41.2597, 73.9390



67.7330, -32.4064, -59.4018



92.1630, 56.1216, -80.8270

Rectangle

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



81.1620, 41.8251, 71.7719



67.2380, -3.5683, 118.1863



67.7330, -32.4064, -59.4018



85.4880, 22.9304, -74.9730

Sweetspot

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



81.1620, 41.8251, 71.7719



183.2420, 16.6427, 28.7288



42.2370, 61.0152, -16.8708



89.7430, 9.9867, 16.8884



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



81.1620, 41.8251, 71.7719



88.1260, 63.5349, 108.6375



74.4210, 12.1174, 80.3148



79.3040, 2.3151, 4.1184



60.2270, 43.2721, 74.3459



8.2600, 5.7878, 10.2960

Inverse Universe

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



66.0990, -19.7688, 87.6132



65.4530, -29.8033, 132.9067



114.5790, -12.1174, -80.3148



78.3920, -1.1793, 4.9182



44.5940, -20.5058, 90.6871



5.9800, -2.9481, 12.2955

Previews

White Background



This preview shows how the YUV color 81.1620, 41.8251, 71.7719 looks on a white background.

Color Contrast Check

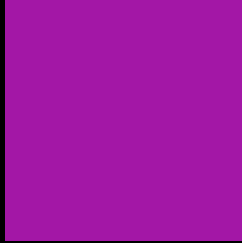
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.1620, 41.8251, 71.7719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

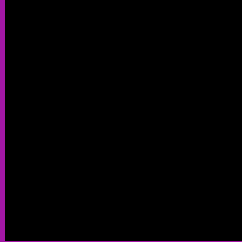
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.1620, 41.8251, 71.7719

Background



This preview shows how black text looks on a background with the YUV color 81.1620, 41.8251, 71.7719.



This preview shows how white text looks on a background with the YUV color 81.1620, 41.8251,

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

81.1620, 41.8251, 71.7719

Protanopia

76.2340, 58.5516, -66.8572

Deuteranopia

90.8800, 32.1042, -30.5898



Tritanopia

93.8710, -10.7824, 51.8561

Trichromacy



Original Color

81.1620, 41.8251, 71.7719



Protanomaly

77.9460, 52.2846, -16.6156



Deuteranomaly

87.1480, 35.9160, 6.8862



Tritanomaly

89.5510, 8.1094, 59.1528

Monochromacy



Original Color

81.1620, 41.8251, 71.7719



Achromatopsia

81.0000, 0.0000, 0.0000



Achromatomaly

81.1770, 15.1957, 26.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.1620, 41.8251, 71.7719 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(163, 23, 166)` looks like.

```
.text, #text, p{  
    color:rgb(163, 23, 166)  
}
```

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(163, 23, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 23, 166) }
```

Border

The CSS property to change the border of an element to YUV 81.1620, 41.8251, 71.7719 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(163, 23, 166) }
```


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

```
.border{ border-color:rgb(163, 23, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 23, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 23, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 23, 166);  
box-shadow:4px 4px 4px 4px rgb(163, 23,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 81.1620, 41.8251, 71.7719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 23, 166) }
```

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

```
.background{ background-color: rgb(163, 23,  
166) }
```

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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