

Converting Colors

YUV(82.1450, 17.1835, 41.9688)

Have a look what the booklet for
YUV(82.1450, 17.1835, 41.9688)
contains.

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Color

**YUV(82.1450, 17.1835,
41.9688)**

Conversions

Conversions Part 1

Format	Color
Hex	823375
RGB	130, 51, 117
RGB Percent	51%, 20%, 46%
CMY	0.4902, 0.8000, 0.5412
CMYK	0.00, 0.61, 0.10, 0.49
HSL	310°, 44%, 35%
HSV	310°, 61%, 51%
XYZ	13.6006, 8.3978, 17.7337
YIQ	82.1450, 25.8980, 37.2740

Conversions

Conversions Part 2

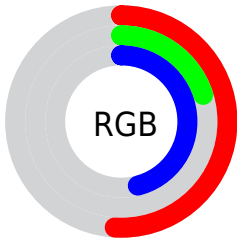
Format	Color
R_{YB}	130, 51, 117
Decimal	8532853
CIE _{Lab}	34.80, 42.57, -21.64
CIE _{LCh}	35, 47.751, 333.053
Yxy	8.3978, 0.3423, 0.2114
Android (android.graphics.Color)	4286722933 (0xFF823375)
YUV	82.1450, 17.1835, 41.9688
Hunter-Lab	28.9790, 33.0616, -15.9973

Details

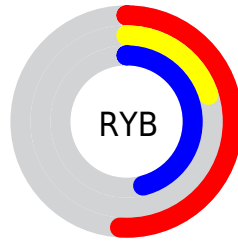
The YUV color **82.1450, 17.1835, 41.9688** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.8550, -17.1835, -41.9688**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4550, 17.0307, 44.3280**, and **31.0740, 18.2045, 41.1541** is the 20% darker color. If you saturate the color by 10%, you get **74.2860, 20.0720, 48.8612**, and if you desaturate by 10%, it is **90.0040, 14.2950, 35.0765**.

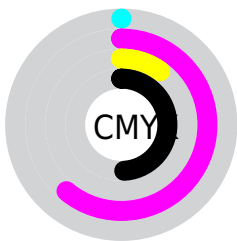
Distribution



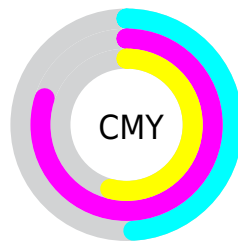
- Red (51%)
- Green (20%)
- Blue (46%)



- Red (51%)
- Yellow (20%)
- Blue (46%)



- Cyan (0%)
- Magenta (61%)
- Yellow (10%)
- Black (49%)





- Cyan (49%)
- Magenta (80%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.1450, 17.1835, 41.9688 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 82.1450, 17.1835, 41.9688 by changing the saturation by 10% instead.


 82.1450, 17.1835,
41.9688


 82.1450, 17.1835,
41.9688


255.0000, 0.0000,
0.0000


 55.6720, 17.9097,
42.3837

 134.4550, 17.0307,
44.3280


 31.0740, 18.2045,
41.1541


 161.2810, 17.6095,
45.3576


 21.0910, 12.2801,
27.9842

 189.2920, 17.6040,
47.1019

 11.2220, 6.7926,
14.7143

 212.5080, 19.9626,
37.2655

 0.0000, 0.0000,
0.0000

 229.1720, 12.7332,
22.6512

 246.1950, 4.3409,

7.7220

■ 82.1450, 17.1835,
41.9688

■ 82.1450, 17.1835,
41.9688

■ 74.2860, 20.0720,
48.8612

■ 90.0040, 14.2950,
35.0765

■ 66.4270, 22.9605,
55.7535

■ 97.8630, 11.4065,
28.1841

■ 58.5680, 25.8490,
62.6459

■ 105.7220, 8.5181,
21.2918

■ 51.2960, 28.4481,
69.0234

■ 113.6950, 6.0664,
14.2995

■ 121.5540, 3.1779,
7.4071

■ 129.4130, 0.2894,
0.5148

■ 137.2720, -2.5991,
-6.3775

■ 145.1310, -5.4876,
-13.2699

■ 152.9900, -8.3761,
-20.1622

Harmonies

Analogous

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



83.4480, 30.8381, 2.2381



82.1450, 17.1835, 41.9688



76.8520, 1.5520, 62.3968

Triad

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



82.1450, 17.1835, 41.9688



76.2510, -37.5917, 17.3199



72.1350, 25.0764, -63.2624

Complementary

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



82.1450, 17.1835, 41.9688



98.8550, -17.1835, -41.9688

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.



67.8030, 8.4781, -59.4632



82.1450, 17.1835, 41.9688



71.0300, -32.5528, -12.3043

Square

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



82.1450, 17.1835, 41.9688



77.6870, -35.3417, 42.3705



62.0690, -8.4150, -54.4345



72.8650, 38.0276, -63.9026

Rectangle

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



82.1450, 17.1835, 41.9688



76.3500, -10.5255, 62.8371



62.0690, -8.4150, -54.4345



70.7670, 19.8349, -62.0627

Sweetspot

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



82.1450, 17.1835, 41.9688



149.8200, 6.4977, 15.9439



63.5940, 32.7382, -0.5209



73.0920, 3.8986, 9.5663



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



82.1450, 17.1835, 41.9688



93.5190, 26.8591, 65.3198



77.8130, 0.5852, 45.7680



59.7770, 1.5889, 3.7036



50.4700, 27.8693, 67.9938



0.0000, 0.0000, 0.0000

Inverse Universe

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



82.1450, 17.1835, 41.9688



93.5190, 26.8591, 65.3198



103.1870, -0.5852, -45.7680



59.7770, 1.5889, 3.7036



50.4700, 27.8693, 67.9938



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 82.1450, 17.1835, 41.9688 looks on a white background.

Color Contrast Check

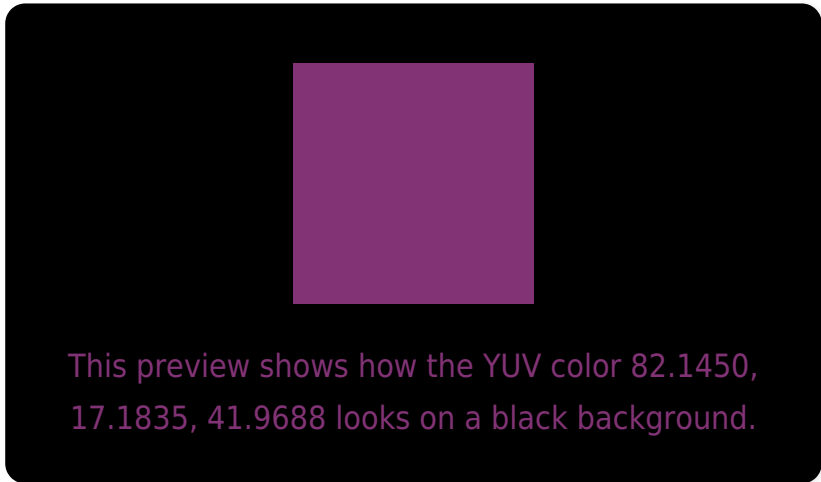
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

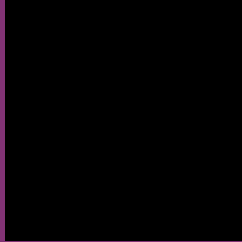
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.1450, 17.1835, 41.9688

Background



This preview shows how black text looks on a background with the YUV color 82.1450, 17.1835, 41.9688.



This preview shows how white text looks on a background with the YUV color 82.1450, 17.1835,

41.9688.

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

82.1450, 17.1835, 41.9688

Protanopia

80.4790, 30.3299, -21.4681

Deuteranopia

82.4410, 14.5726, -7.4028



Tritanopia

82.6950, -7.2446, 37.1015

Trichromacy



Original Color

82.1450, 17.1835, 41.9688

Protanomaly

81.0690, 25.6020, 1.6935

Deuteranomaly

82.1920, 15.6813, 10.3556

Tritanomaly

82.4100, 1.7699, 39.1054

Monochromacy



Original Color

82.1450, 17.1835, 41.9688

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1080, 6.3558, 14.8143

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1450, 17.1835, 41.9688 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(130, 51, 117)` looks like.

```
.text, #text, p{  
    color:rgb(130, 51, 117)  
}
```

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(130, 51, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 51, 117) }
```

Border

The CSS property to change the border of an element to YUV 82.1450, 17.1835, 41.9688 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(130, 51, 117) }
```


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

```
.border{ border-color:rgb(130, 51, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 51, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 51, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 51, 117);  
box-shadow:4px 4px 4px 4px rgb(130, 51,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 82.1450, 17.1835, 41.9688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 51, 117) }
```

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

```
.background{ background-color: rgb(130, 51,  
117) }
```

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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