

Converting Colors

YUV(81.6550, 20.3831, 42.3986)

Have a look what the booklet for
YUV(81.6550, 20.3831, 42.3986)
contains.

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Color

**YUV(81.6550, 20.3831,
42.3986)**

Conversions

Conversions Part 1

Format	Color
Hex	82317B
RGB	130, 49, 123
RGB Percent	51%, 19%, 48%
CMY	0.4902, 0.8078, 0.5176
CMYK	0.00, 0.62, 0.05, 0.49
HSL	305°, 45%, 35%
HSV	305°, 62%, 51%
XYZ	13.8794, 8.3725, 19.6234
YIQ	81.6550, 24.5220, 40.1860

Conversions

Conversions Part 2

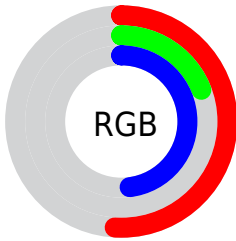
Format	Color
R_{YB}	130, 49, 123
Decimal	8532347
CIE _{Lab}	34.75, 44.56, -25.48
CIE _{LCh}	35, 51.330, 330.242
Yxy	8.3725, 0.3314, 0.1999
Android (android.graphics.Color)	4286722427 (0xFF82317B)
YUV	81.6550, 20.3831, 42.3986
Hunter-Lab	28.9353, 34.9843, -19.9548

Details

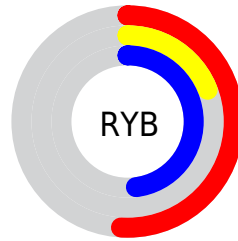
The YUV color **81.6550, 20.3831, 42.3986** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **97.3450, -20.3831, -42.3986**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6660, 20.3777, 44.1429**, and **31.7580, 20.8253, 40.5542** is the 20% darker color. If you saturate the color by 10%, you get **73.9100, 23.7084, 49.1909**, and if you desaturate by 10%, it is **89.4000, 17.0578, 35.6062**.

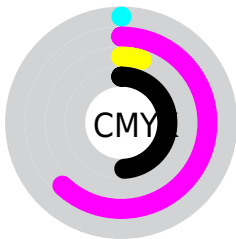
Distribution



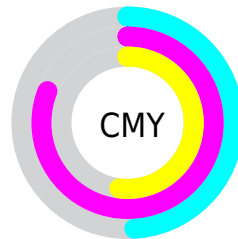
- Red (51%)
- Green (19%)
- Blue (48%)



- Red (51%)
- Yellow (19%)
- Blue (48%)



- Cyan (0%)
- Magenta (62%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (81%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.6550, 20.3831, 42.3986 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 81.6550, 20.3831, 42.3986 by changing the saturation by 10% instead.


 81.6550, 20.3831,
42.3986


 81.6550, 20.3831,
42.3986


255.0000, 0.0000,
0.0000


 54.2960, 21.5461,
42.7134

 134.6660, 20.3777,
44.1429


 31.7580, 20.8253,
40.5542

 161.6770, 20.3722,
45.8873


 21.6610, 14.4641,
27.4843


 189.5030, 20.9510,
46.9169

 11.6780, 8.5397,
14.3144

 211.5620, 21.4149,
38.0951

 0.0000, 0.0000,
0.0000

 228.5850, 13.0226,
23.1660

 245.0210, 4.9196,

8.7516

■ 81.6550, 20.3831,
42.3986

■ 81.6550, 20.3831,
42.3986

■ 73.9100, 23.7084,
49.1909

■ 89.4000, 17.0578,
35.6062

■ 66.1650, 27.0337,
55.9833

■ 97.1450, 13.7325,
28.8138

■ 58.4200, 30.3589,
62.7757

■ 104.8900, 10.4072,
22.0215

■ 52.4360, 32.8161,
68.0236

■ 112.6350, 7.0819,
15.2291

■ 120.4940, 4.1935,
8.3368

■ 128.2390, 0.8682,
1.5444

■ 135.9840, -2.4571,
-5.2480

■ 143.7290, -5.7824,
-12.0403

■ 151.4740, -9.1077,
-18.8327

Harmonies

Analogous

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



82.4410, 34.7856, -3.8948



81.6550, 20.3831, 42.3986



74.5690, 4.1565, 67.0300

Triad

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



81.6550, 20.3831, 42.3986



76.5610, -37.7446, 19.6790



72.6080, 24.3503, -63.6772

Complementary

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



81.6550, 20.3831, 42.3986



97.3450, -20.3831, -42.3986

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.



67.9340, 6.4415, -59.5781



81.6550, 20.3831, 42.3986



70.7590, -34.8842, -11.1896

Square

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



81.6550, 20.3831, 42.3986



76.0790, -36.5209, 47.2887



61.2710, -11.4726, -53.7347



73.7940, 39.0486, -64.7173

Rectangle

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



81.6550, 20.3831, 42.3986



73.8500, -8.8000, 69.4146



61.2710, -11.4726, -53.7347



71.1260, 18.6719, -62.3775

Sweetspot

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



81.6550, 20.3831, 42.3986



148.9880, 8.3869, 16.6735



60.3270, 34.3488, -3.7948



72.6190, 4.6248, 9.9811



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.



81.6550, 20.3831, 42.3986



92.7840, 31.6585, 65.9644



77.0950, 2.9112, 46.3977



59.7770, 1.5889, 3.7036



51.4960, 31.8005, 67.0940



0.0000, 0.0000, 0.0000

Inverse Universe

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



81.6550, 20.3831, 42.3986



92.7840, 31.6585, 65.9644



101.9050, -2.9112, -46.3977



59.7770, 1.5889, 3.7036



51.4960, 31.8005, 67.0940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 81.6550, 20.3831, 42.3986 looks on a white background.

Color Contrast Check

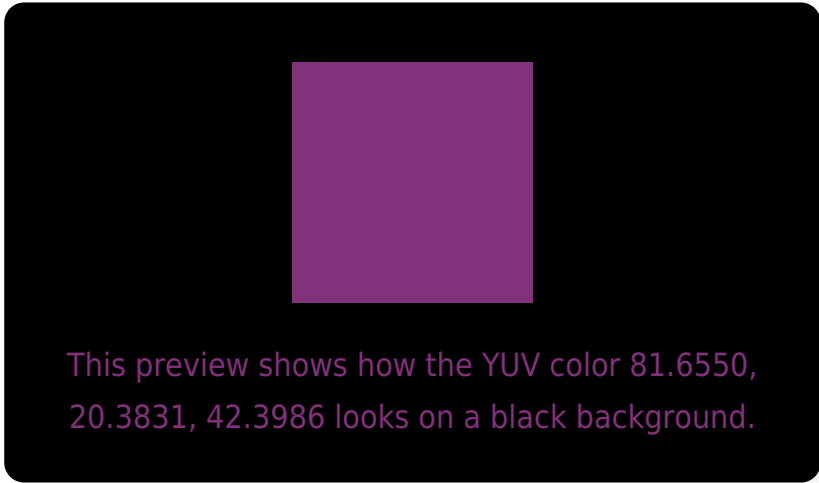
Large Text (above 18pt) WCAG AA ✓ Pass

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

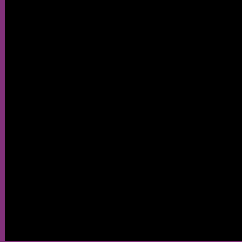
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.6550, 20.3831, 42.3986

Background



This preview shows how black text looks on a background with the YUV color 81.6550, 20.3831, 42.3986.



This preview shows how white text looks on a background with the YUV color 81.6550, 20.3831,

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

81.6550, 20.3831, 42.3986

Protanopia

78.5260, 35.7297, -26.7713

Deuteranopia

82.2170, 17.6410, -11.5913



Tritanopia

82.5100, -6.6604, 36.3867

Trichromacy



Original Color

81.6550, 20.3831, 42.3986

Protanomaly

79.8990, 30.1228, -1.6654

Deuteranomaly

81.9790, 18.7444, 7.9114

Tritanomaly

82.4530, 3.2277, 38.1907

Monochromacy



Original Color

81.6550, 20.3831, 42.3986

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7490, 7.5187, 15.1291

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.6550, 20.3831, 42.3986 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, 49, 123)` looks like.

```
.text, #text, p{  
    color:rgb(130, 49, 123)  
}
```

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, 49, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 49, 123) }
```

Border

The CSS property to change the border of an element to YUV 81.6550, 20.3831, 42.3986 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, 49, 123) }
```


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

```
.border{ border-color:rgb(130, 49, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 49, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 49, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 49, 123);  
box-shadow:4px 4px 4px 4px rgb(130, 49,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 81.6550, 20.3831, 42.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 49, 123) }
```

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

```
.background{ background-color: rgb(130, 49,  
123) }
```

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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