

Converting Colors

YUV(81.6580, 12.4936, 52.9199)

Have a look what the booklet for
YUV(81.6580, 12.4936, 52.9199)
contains.

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Color

**YUV(81.6580, 12.4936,
52.9199)**

Conversions

Conversions Part 1

Format	Color
Hex	8E2E6B
RGB	142, 46, 107
RGB Percent	56%, 18%, 42%
CMY	0.4431, 0.8196, 0.5804
CMYK	0.00, 0.68, 0.25, 0.44
HSL	322°, 51%, 37%
HSV	322°, 68%, 56%
XYZ	14.7862, 8.7663, 14.8227
YIQ	81.6580, 37.6350, 39.3230

Conversions

Conversions Part 2

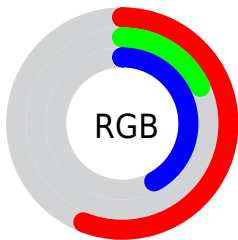
Format	Color
R _Y B	142, 46, 107
Decimal	9317995
CIE Lab	35.53, 46.80, -14.04
CIE LCh	36, 48.858, 343.300
Yxy	8.7663, 0.3853, 0.2284
Android (android.graphics.Color)	4287508075 (0xFF8E2E6B)
YUV	81.6580, 12.4936, 52.9199
Hunter-Lab	29.6080, 37.3287, -8.9569

Details

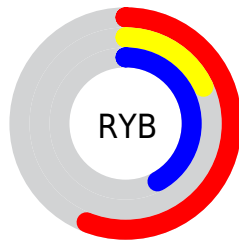
The YUV color **81.6580, 12.4936, 52.9199** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **106.3420, -12.4936, -52.9199**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3270, 11.1778, 54.9642**, and **33.1520, 13.2361, 48.1017** is the 20% darker color. If you saturate the color by 10%, you get **72.8700, 14.3611, 60.6270**, and if you desaturate by 10%, it is **90.4460, 10.6261, 45.2129**.

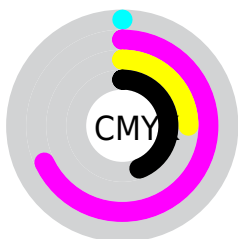
Distribution



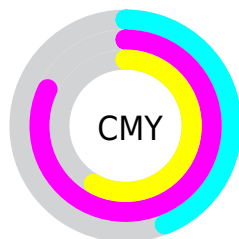
- Red (56%)
- Green (18%)
- Blue (42%)



- Red (56%)
- Yellow (18%)
- Blue (42%)



- Cyan (0%)
- Magenta (68%)
- Yellow (25%)
- Black (44%)



- Cyan (44%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.6580, 12.4936, 52.9199 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 81.6580, 12.4936, 52.9199 by changing the saturation by 10% instead.

81.6580, 12.4936,
52.9199

81.6580, 12.4936,
52.9199

255.0000, 0.0000,
0.0000

52.6520, 14.9616,
54.6792

135.3270, 11.1778,
54.9642

33.1520, 13.2361,
48.1017

162.9250, 10.8830,
56.1938

22.8700, 7.4591,
34.3170

190.3380, 11.1724,
56.7086

13.1860, 1.3873,
21.7619

209.4930, 16.0260,
39.9096

0.0000, 0.0000,
0.0000

227.9980, 13.3120,
23.6808

245.0210, 4.9196,

8.7516

■ 81.6580, 12.4936,
52.9199

■ 81.6580, 12.4936,
52.9199

■ 72.8700, 14.3611,
60.6270

■ 90.4460, 10.6261,
45.2129

■ 64.0820, 16.2286,
68.3341

■ 99.2340, 8.7586,
37.5058

■ 54.5930, 17.9487,
76.6559

■ 108.7230, 7.0386,
29.1839

■ 52.7180, 18.3800,
78.3003

■ 117.5110, 5.1711,
21.4769

■ 126.2990, 3.3036,
13.7698

■ 135.0870, 1.4361,
6.0627

■ 143.8750, -0.4314,
-1.6444

■ 153.2500, -2.5882,
-9.8663

■ 162.1520, -4.0189,
-17.6733

Harmonies

Analogous

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



86.2220, 27.0056, 18.2223



81.6580, 12.4936, 52.9199



77.5660, -4.7160, 66.1556

Triad

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



81.6580, 12.4936, 52.9199



76.4840, -37.7066, 7.4685



74.3180, 30.9022, -65.1769

Complementary

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



81.6580, 12.4936, 52.9199



106.3420, -12.4936, -52.9199

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.



70.6870, 14.4513, -61.9925



81.6580, 12.4936, 52.9199



70.1790, -25.2312, -27.3440

Square

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



81.6580, 12.4936, 52.9199



79.0190, -38.9564, 35.0633



65.5400, -2.7312, -57.4786



73.3040, 42.2481, -64.2876

Rectangle

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



81.6580, 12.4936, 52.9199



78.5040, -17.5035, 60.9480



65.5400, -2.7312, -57.4786



73.6510, 25.8081, -64.5919

Sweetspot

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



81.6580, 12.4936, 52.9199



160.6850, 4.5923, 20.4473



67.1100, 36.9208, 11.3045



78.1740, 2.8722, 12.1254



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



81.6580, 12.4936, 52.9199



90.2670, 19.0954, 82.2038



76.3000, -8.0359, 57.6189



66.6630, 1.1521, 3.8035



50.1690, 17.6647, 74.3968



2.9620, 1.0047, 4.4183

Inverse Universe

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



81.6580, 12.4936, 52.9199



90.2670, 19.0954, 82.2038



111.7000, 8.0359, -57.6189



66.6630, 1.1521, 3.8035



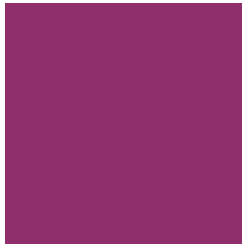
50.1690, 17.6647, 74.3968



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 81.6580, 12.4936, 52.9199 looks on a white background.

Color Contrast Check

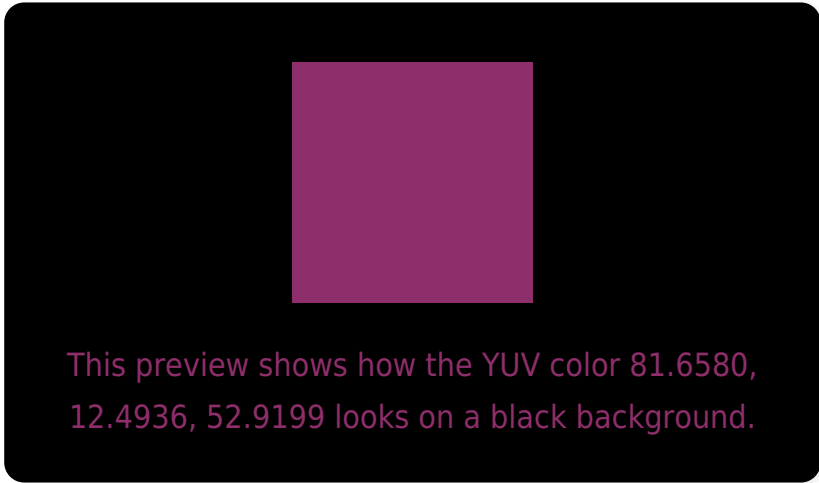
Large Text (above 18pt) WCAG AA ✓ Pass

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

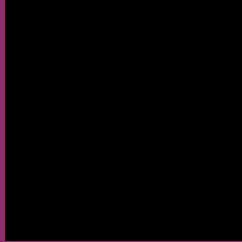
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.6580, 12.4936, 52.9199

Background



This preview shows how black text looks on a background with the YUV color 81.6580, 12.4936, 52.9199.



This preview shows how white text looks on a background with the YUV color 81.6580, 12.4936,

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

81.6580, 12.4936, 52.9199

Protanopia

83.5460, 25.3668, -16.2648

Deuteranopia

85.4650, 8.1518, -1.2848



Tritanopia

82.3760, -10.0454, 48.7822

Trichromacy



Original Color

81.6580, 12.4936, 52.9199

Protanomaly

83.1470, 20.6335, 8.6411

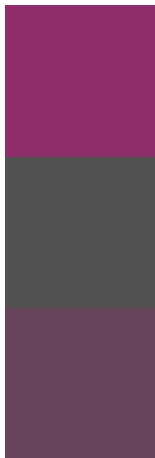
Deuteranomaly

84.3410, 9.6919, 18.1179

Tritanomaly

82.1510, -2.0464, 49.8566

Monochromacy



Original Color

81.6580, 12.4936, 52.9199

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9730, 4.4503, 19.3177

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.6580, 12.4936, 52.9199 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(142, 46, 107)` looks like.

```
.text, #text, p{  
    color:rgb(142, 46, 107)  
}
```

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(142, 46, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 46, 107) }
```

Border

The CSS property to change the border of an element to YUV 81.6580, 12.4936, 52.9199 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(142, 46, 107) }
```


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

```
.border{ border-color:rgb(142, 46, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 46, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 46, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 46, 107);  
box-shadow:4px 4px 4px 4px rgb(142, 46,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 81.6580, 12.4936, 52.9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 46, 107) }
```

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

```
.background{ background-color: rgb(142, 46,  
107) }
```

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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