

Converting Colors

YUV(82.1030, 31.0082, 41.1287)

Have a look what the booklet for
YUV(82.1030, 31.0082, 41.1287)
contains.

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Color

**YUV(82.1030, 31.0082,
41.1287)**

Conversions

Conversions Part 1

Format	Color
Hex	812E91
RGB	129, 46, 145
RGB Percent	51%, 18%, 57%
CMY	0.4941, 0.8196, 0.4314
CMYK	0.11, 0.68, 0.00, 0.43
HSL	290°, 52%, 37%
HSV	290°, 68%, 57%
XYZ	15.1411, 8.6655, 27.6626
YIQ	82.1030, 17.6890, 48.3850

Conversions

Conversions Part 2

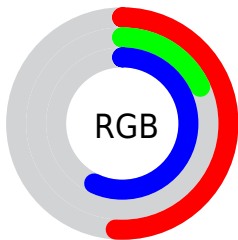
Format	Color
R_{YB}	129, 46, 145
Decimal	8466065
CIE _{Lab}	35.33, 49.79, -38.17
CIE _{LCh}	35, 62.733, 322.526
Yxy	8.6655, 0.2942, 0.1684
Android (android.graphics.Color)	4286656145 (0xFF812E91)
YUV	82.1030, 31.0082, 41.1287
Hunter-Lab	29.4371, 40.2971, -35.1099

Details

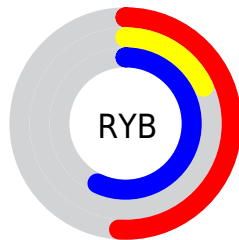
The YUV color **82.1030, 31.0082, 41.1287** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **108.8970, -31.0082, -41.1287**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.8150, 31.1502, 42.2582**, and **33.4400, 29.8561, 37.3251** is the 20% darker color. If you saturate the color by 10%, you get **73.2870, 35.3545, 47.1063**, and if you desaturate by 10%, it is **91.5060, 26.3725, 34.6362**.

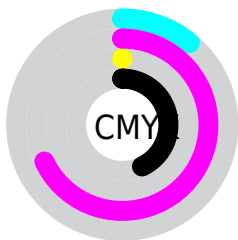
Distribution



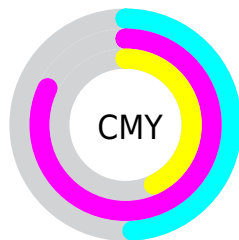
- Red (51%)
- Green (18%)
- Blue (57%)



- Red (51%)
- Yellow (18%)
- Blue (57%)



- Cyan (11%)
- Magenta (68%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (82%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1030, 31.0082, 41.1287 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 82.1030, 31.0082, 41.1287 by changing the saturation by 10% instead.

82.1030, 31.0082,
41.1287

82.1030, 31.0082,
41.1287

255.0000, 0.0000,
0.0000

53.4560, 32.3132,
42.5731

135.8150, 31.1502,
42.2582

33.4400, 29.8561,
37.3251

163.0540, 32.0184,
43.8026

23.2290, 23.0581,
24.3552

190.6520, 31.7236,
45.0322

13.1320, 16.6969,
11.2852

210.9750, 21.7043,
38.6099

3.4370, 10.6306,
-3.0142

227.4110, 13.6014,
24.1956

0.0000, 0.0000,
0.0000

244.4340, 5.2090,

9.2664

■ 82.1030, 31.0082,
41.1287

■ 82.1030, 31.0082,
41.1287

■ 73.2870, 35.3545,
47.1063

■ 91.5060, 26.3725,
34.6362

■ 63.5850, 40.1376,
52.9840

■ 100.6210, 21.8788,
29.2734

■ 54.7690, 44.4839,
58.9616

■ 110.0240, 17.2432,
22.7810

■ 53.0080, 45.3521,
60.5060

■ 118.8400, 12.8969,
16.8033

■ 128.5420, 8.1138,
10.9257

■ 137.3580, 3.7675,
4.9480

■ 146.7610, -0.8682,
-1.5444

■ 155.8760, -5.3619,
-6.9073

■ 165.2790, -9.9975,
-13.3997

Harmonies

Analogous

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



75.5540, 50.0129, -34.6889



82.1030, 31.0082, 41.1287



59.9090, 18.7789, 90.4108

Triad

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



82.1030, 31.0082, 41.1287



78.9860, -38.9401, 29.8303



74.7280, 22.3191, -65.5365

Complementary

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



82.1030, 31.0082, 41.1287



108.8970, -31.0082, -41.1287

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.



68.2130, -0.1050, -59.8228



82.1030, 31.0082, 41.1287



73.7380, -36.3528, -6.7862

Square

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



82.1030, 31.0082, 41.1287



74.4770, -36.7172, 63.6027



59.7260, -25.0079, -52.3797



78.4560, 41.6802, -68.8059

Rectangle

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



82.1030, 31.0082, 41.1287



57.6420, 3.6275, 96.7840



59.7260, -25.0079, -52.3797



72.9040, 15.3303, -63.9368

Sweetspot

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



82.1030, 31.0082, 41.1287



164.9000, 11.8813, 15.8737



67.2650, 38.3234, -18.6494



80.1890, 6.8088, 9.4812



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



82.1030, 31.0082, 41.1287



90.5400, 48.5408, 64.4244



83.1250, 14.2354, 54.2644



66.5920, 2.1731, 2.9888



49.1770, 42.3107, 55.9728



2.7060, 2.6099, 2.8888

Inverse Universe

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



77.4250, -7.6045, 59.2633



83.1950, -11.9281, 92.7910



107.8750, -14.2354, -54.2644



66.2070, -0.5951, 4.2035



42.8730, -10.2904, 80.7954



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 82.1030, 31.0082, 41.1287 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



This preview shows how the YUV color 82.1030, 31.0082, 41.1287 looks on a 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 82.1030, 31.0082, 41.1287

Background



This preview shows how black text looks on a background with the YUV color 82.1030, 31.0082, 41.1287.



This preview shows how white text looks on a background with the YUV color 82.1030, 31.0082,

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

82.1030, 31.0082, 41.1287

Protanopia

67.1550, 51.6886, -58.8949

Deuteranopia

79.6910, 28.7463, -26.9160



Tritanopia

84.8190, -5.3338, 30.8537

Trichromacy



Original Color

82.1030, 31.0082, 41.1287

Protanomaly

72.4370, 44.1546, -22.3082

Deuteranomaly

80.4860, 29.8334, -2.1802

Tritanomaly

83.9840, 7.8959, 34.2170

Monochromacy



Original Color

82.1030, 31.0082, 41.1287

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0740, 11.3025, 14.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1030, 31.0082, 41.1287 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(129, 46, 145)` looks like.

```
.text, #text, p{  
    color:rgb(129, 46, 145)  
}
```

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(129, 46, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 46, 145) }
```

Border

The CSS property to change the border of an element to YUV 82.1030, 31.0082, 41.1287 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(129, 46, 145) }
```


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

```
.border{ border-color:rgb(129, 46, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 46, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 46, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 46, 145);  
box-shadow:4px 4px 4px 4px rgb(129, 46,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 82.1030, 31.0082, 41.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 46, 145) }
```

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

```
.background{ background-color: rgb(129, 46,  
145) }
```

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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