

Converting Colors

YUV(82.4040, 14.5908, 80.3297)

Have a look what the booklet for
YUV(82.4040, 14.5908, 80.3297)
contains.

YUV(82.4040, 14.5908, 80.3297)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(82.4040, 14.5908,
80.3297)**

Conversions

Conversions Part 1

Format	Color
Hex	AE1E70
RGB	174, 30, 112
RGB Percent	68%, 12%, 44%
CMY	0.3176, 0.8824, 0.5608
CMYK	0.00, 0.83, 0.36, 0.32
HSL	326°, 71%, 40%
HSV	326°, 83%, 68%
XYZ	20.8445, 11.0971, 16.3726
YIQ	82.4040, 59.5020, 56.0300

Conversions

Conversions Part 2

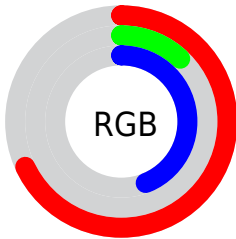
Format	Color
R_{YB}	174, 30, 112
Decimal	11411056
CIE _{Lab}	39.74, 61.25, -10.24
CIE _{LCh}	40, 62.100, 350.506
Yxy	11.0971, 0.4314, 0.2297
Android (android.graphics.Color)	4289601136 (0xFFAE1E70)
YUV	82.4040, 14.5908, 80.3297
Hunter-Lab	33.3123, 53.3962, -5.8217

Details

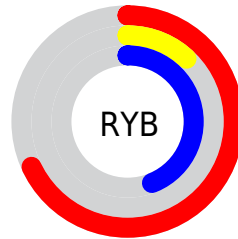
The YUV color **82.4040, 14.5908, 80.3297** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **121.5960, -14.5908, -80.3297**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9540, 10.3757, 78.9703**, and **41.9800, 10.8559, 64.9155** is the 20% darker color. If you saturate the color by 10%, you get **71.6270, 16.4529, 89.7811**, and if you desaturate by 10%, it is **93.1810, 12.7288, 70.8783**.

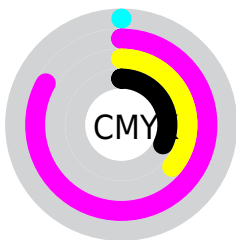
Distribution



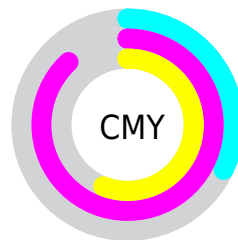
- Red (68%)
- Green (12%)
- Blue (44%)



- Red (68%)
- Yellow (12%)
- Blue (44%)



- Cyan (0%)
- Magenta (83%)
- Yellow (36%)
- Black (32%)





- Cyan (32%)
- Magenta (88%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.4040, 14.5908, 80.3297 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 82.4040, 14.5908, 80.3297 by changing the saturation by 10% instead.


 82.4040, 14.5908,
80.3297


 82.4040, 14.5908,
80.3297


255.0000, 0.0000,
0.0000


 53.3870, 17.0642,
80.3446

 142.9540, 10.3757,
78.9703


 41.9800, 10.8559,
64.9155


 169.0460, 10.8233,
75.3817


 31.1000, 5.3737,
49.9013

 188.6740, 14.9507,
58.1679

 21.3450, 0.3229,
36.5314

 208.8890, 18.7887,
40.4393

 9.3830, -4.1328,
18.9581

 226.8240, 13.8908,
24.7104

 0.0000, 0.0000,
0.0000

 243.8470, 5.4984,

9.7812

■ 82.4040, 14.5908,
80.3297

■ 82.4040, 14.5908,
80.3297

■ 71.6270, 16.4529,
89.7811

■ 93.1810, 12.7288,
70.8783

■ 63.3120, 17.5942,
97.0734

■ 104.6590, 11.0141,
60.8121

■ 115.4360, 9.1521,
51.3606

■ 126.9140, 7.4374,
41.2944

■ 137.6910, 5.5753,
31.8430

■ 148.5820, 4.1501,
22.2916

■ 159.9460, 1.9986,
12.3254

■ 170.8370, 0.5734,
2.7740

■ 182.2010, -1.5781,
-7.1923

Harmonies

Analogous

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



94.3090, 31.8927, 37.4400



82.4040, 14.5908, 80.3297



79.6720, -8.7123, 87.9877

Triad

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



82.4040, 14.5908, 80.3297



84.0930, -41.4578, -2.7126



85.9390, 42.4281, -75.3685

Complementary

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



82.4040, 14.5908, 80.3297



121.5960, -14.5908, -80.3297

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.



82.0970, 22.6302, -71.9991



82.4040, 14.5908, 80.3297



66.7360, -23.5338, -58.5275

Square

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



82.4040, 14.5908, 80.3297



88.7540, -43.7557, 34.4187



75.4680, -0.2307, -66.1854



83.8650, 54.7896, -73.5496

Rectangle

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



82.4040, 14.5908, 80.3297



84.6600, -27.4404, 74.8432



75.4680, -0.2307, -66.1854



85.0440, 36.4603, -74.5836

Sweetspot

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



82.4040, 14.5908, 80.3297



190.8050, 6.0121, 31.7430



64.3560, 54.0545, 22.4898



92.7450, 3.5767, 19.5176



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



82.4040, 14.5908, 80.3297



83.8670, 22.7436, 125.5276



74.4240, -15.9850, 87.3282



81.2610, 0.8573, 5.0331



54.6540, 15.4536, 83.6184



8.3590, 2.2880, 12.8402

Inverse Universe

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



82.4040, 14.5908, 80.3297



83.8670, 22.7436, 125.5276



129.5760, 15.9850, -87.3282



81.2610, 0.8573, 5.0331



54.6540, 15.4536, 83.6184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 82.4040, 14.5908, 80.3297 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 82.4040, 14.5908, 80.3297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

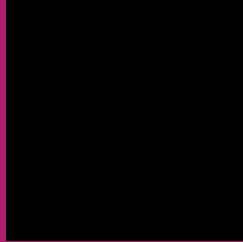
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.4040, 14.5908, 80.3297

Background



This preview shows how black text looks on a background with the YUV color 82.4040, 14.5908, 80.3297.



This preview shows how white text looks on a background with the YUV color 82.4040, 14.5908,

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

82.4040, 14.5908, 80.3297

Protanopia

93.3760, 29.8876, -19.6238

Deuteranopia

95.8740, 4.4991, 3.6185



Tritanopia

86.8090, -16.6678, 72.9585

Trichromacy



Original Color

82.4040, 14.5908, 80.3297

Protanomaly

89.2280, 24.5376, 16.4630

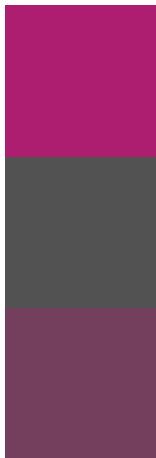
Deuteranomaly

90.7880, 8.4855, 31.7579

Tritanomaly

84.8060, -5.3274, 75.5921

Monochromacy



Original Color

82.4040, 14.5908, 80.3297

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9680, 5.4388, 28.9691

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.4040, 14.5908, 80.3297 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(174, 30, 112)` looks like.

```
.text, #text, p{  
    color:rgb(174, 30, 112)  
}
```

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(174, 30, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 30, 112) }
```

Border

The CSS property to change the border of an element to YUV 82.4040, 14.5908, 80.3297 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(174, 30, 112) }
```


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

```
.border{ border-color:rgb(174, 30, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 30, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 30, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 30, 112); box-shadow:4px 4px 4px 4px rgb(174, 30, 112) }
```

Background

The CSS property to change the background color of an element to YUV 82.4040, 14.5908, 80.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 30, 112) }
```

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

```
.background{ background-color: rgb(174, 30,  
112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor