

Converting Colors

YUV(82.8270, 40.0183, 91.3597)

Have a look what the booklet for
YUV(82.8270, 40.0183, 91.3597)
contains.

YUV(82.8270, 40.0183, 91.3597)	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(82.8270, 40.0183,
91.3597)**

Conversions

Conversions Part 1

Format	Color
Hex	BB0EA4
RGB	187, 14, 164
RGB Percent	73%, 5%, 64%
CMY	0.2667, 0.9451, 0.3569
CMYK	0.00, 0.93, 0.12, 0.27
HSL	308°, 86%, 39%
HSV	308°, 93%, 73%
XYZ	27.3514, 13.5592, 36.2976
YIQ	82.8270, 54.9580, 83.3260

Conversions

Conversions Part 2

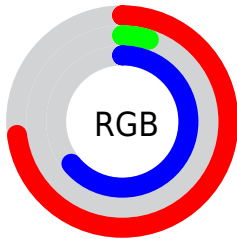
Format	Color
R_{YB}	187, 14, 164
Decimal	12258980
CIE Lab	43.59, 73.23, -35.93
CIE LCh	44, 81.571, 333.867
Yxy	13.5592, 0.3543, 0.1756
Android (android.graphics.Color)	4290449060 (0xFFBB0EA4)
YUV	82.8270, 40.0183, 91.3597
Hunter-Lab	36.8228, 68.1469, -32.6683

Details

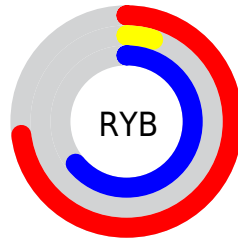
The YUV color **82.8270, 40.0183, 91.3597** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **118.1730, -40.0183, -91.3597**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2360, 32.9147, 83.1080**, and **51.3390, 29.9059, 68.1087** is the 20% darker color. If you saturate the color by 10%, you get **74.3810, 43.1962, 98.7669**, and if you desaturate by 10%, it is **94.2080, 35.3935, 81.3786**.

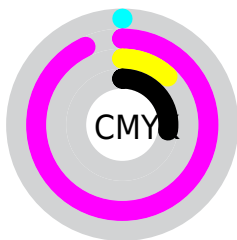
Distribution



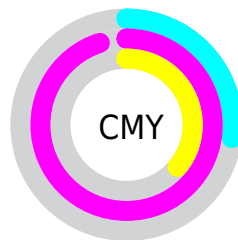
- Red (73%)
- Green (5%)
- Blue (64%)



- Red (73%)
- Yellow (5%)
- Blue (64%)



- Cyan (0%)
- Magenta (93%)
- Yellow (12%)
- Black (27%)





- Cyan (27%)
- Magenta (95%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.8270, 40.0183, 91.3597 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 82.8270, 40.0183, 91.3597 by changing the saturation by 10% instead.


 82.8270, 40.0183,
91.3597


 82.8270, 40.0183,
91.3597


255.0000, 0.0000,
0.0000


 62.8600, 36.5510,
83.4378


 152.2360, 32.9147,
83.1080


 51.3390, 29.9059,
68.1087


 174.9570, 36.0102,
70.1977


 40.1170, 23.1133,
53.3944


 193.3650, 30.3861,
54.0539

 29.0090, 16.7576,
38.5801

 210.3880, 21.9937,
39.1247

 18.3140, 10.6912,
24.2806

 227.4110, 13.6014,
24.1956

 1.9380, 7.4256,
-1.6996

 245.0210, 4.9196,

 0.0000, 0.0000,

8.7516

0.0000

■ 82.8270, 40.0183,
91.3597

■ 82.8270, 40.0183,
91.3597

■ 74.3810, 43.1962,
98.7669

■ 94.2080, 35.3935,
81.3786

■ 105.1160, 31.4948,
71.8123

■ 116.4970, 26.8700,
61.8311

■ 127.9920, 22.6819,
51.7500

■ 139.3730, 18.0571,
41.7689

■ 150.2810, 14.1585,
32.2026

■ 161.6620, 9.5336,
22.2214

■ 173.1570, 5.3456,
12.1403

■ 183.9510, 1.0102,
2.6740

Harmonies

Analogous

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



101.9080, 56.7404, 0.9577



82.8270, 40.0183, 91.3597



75.4570, 11.1137, 122.3792

Triad

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



82.8270, 40.0183, 91.3597



96.6290, -47.6381, 19.6194



96.6020, 40.1292, -84.7200

Complementary

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



82.8270, 40.0183, 91.3597



118.1730, -40.0183, -91.3597

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.



88.8500, 10.4269, -77.9215



82.8270, 40.0183, 91.3597



82.1120, -40.4812, -36.0552

Square

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



82.8270, 40.0183, 91.3597



95.1540, -46.9109, 66.5169



78.0660, -20.7385, -68.4639



99.1390, 62.5425, -86.9449

Rectangle

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



82.8270, 40.0183, 91.3597



69.8430, -7.8106, 125.5487



78.0660, -20.7385, -68.4639



94.2080, 30.9565, -82.6204

Sweetspot

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



82.8270, 40.0183, 91.3597



201.0580, 15.7474, 35.9061



39.7020, 72.6179, -5.0007



97.3630, 9.6810, 21.6066



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



82.8270, 40.0183, 91.3597



96.2980, 56.0551, 127.7807



73.2510, 3.3273, 99.7579



88.6030, 2.1677, 4.7332



62.8600, 36.5510, 83.4378



12.3470, 7.2239, 16.3587

Inverse Universe

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



82.8270, 40.0183, 91.3597



96.2980, 56.0551, 127.7807



127.7490, -3.3273, -99.7579



88.6030, 2.1677, 4.7332



62.8600, 36.5510, 83.4378



12.3470, 7.2239, 16.3587

Previews

White Background



This preview shows how the YUV color 82.8270, 40.0183, 91.3597 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 82.8270, 40.0183, 91.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

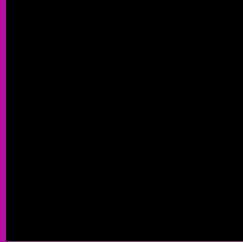
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8270, 40.0183, 91.3597

Background



This preview shows how black text looks on a background with the YUV color 82.8270, 40.0183, 91.3597.



This preview shows how white text looks on a background with the YUV color 82.8270, 40.0183,

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

82.8270, 40.0183, 91.3597

Protanopia

83.6830, 64.2463, -73.3900

Deuteranopia

103.4210, 24.9354, -17.9092



Tritanopia

99.2430, -14.9098, 69.0699

Trichromacy



Original Color

82.8270, 40.0183, 91.3597



Protanomaly

83.1790, 55.6208, -13.3120



Deuteranomaly

95.8680, 30.6311, 22.0408



Tritanomaly

92.9770, 5.4343, 77.1962

Monochromacy



Original Color

82.8270, 40.0183, 91.3597



Achromatopsia

83.0000, 0.0000, 0.0000



Achromatomaly

82.9930, 14.3005, 33.3321

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8270, 40.0183, 91.3597 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(187, 14, 164)` looks like.

```
.text, #text, p{  
    color:rgb(187, 14, 164)  
}
```

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(187, 14, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 14, 164) }
```

Border

The CSS property to change the border of an element to YUV 82.8270, 40.0183, 91.3597 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(187, 14, 164) }
```


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

```
.border{ border-color:rgb(187, 14, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 14, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 14, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 14, 164); box-shadow:4px 4px 4px 4px rgb(187, 14, 164) }
```

Background

The CSS property to change the background color of an element to YUV 82.8270, 40.0183, 91.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 14, 164) }
```

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

```
.background{ background-color: rgb(187, 14,  
164) }
```

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