

Converting Colors

YUV(92.8000, 41.0176, 97.5224)

Have a look what the booklet for
YUV(92.8000, 41.0176, 97.5224)
contains.

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Color

**YUV(92.8000, 41.0176,
97.5224)**

Conversions

Conversions Part 1

Format	Color
Hex	CC14B0
RGB	204, 20, 176
RGB Percent	80%, 8%, 69%
CMY	0.2000, 0.9216, 0.3098
CMYK	0.00, 0.90, 0.14, 0.20
HSL	309°, 82%, 44%
HSV	309°, 90%, 80%
XYZ	32.9885, 16.4723, 42.5151
YIQ	92.8000, 59.5880, 87.5240

Conversions

Conversions Part 2

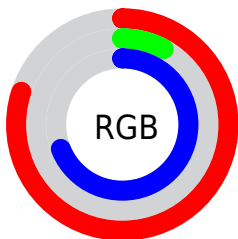
Format	Color
R_{YB}	204, 20, 176
Decimal	13374640
CIE _{Lab}	47.59, 77.29, -36.55
CIE _{LCh}	48, 85.499, 334.694
Yxy	16.4723, 0.3587, 0.1791
Android (android.graphics.Color)	4291564720 (0xFFCC14B0)
YUV	92.8000, 41.0176, 97.5224
Hunter-Lab	40.5860, 74.0598, -33.6978

Details

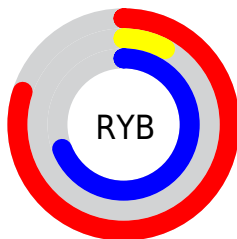
The YUV color **92.8000, 41.0176, 97.5224** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **131.2000, -41.0176, -97.5224**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0450, 35.9668, 84.1525**, and **57.3770, 32.3521, 76.8454** is the 20% darker color. If you saturate the color by 10%, you get **80.7180, 45.4950, 108.1183**, and if you desaturate by 10%, it is **104.8820, 36.5402, 86.9265**.

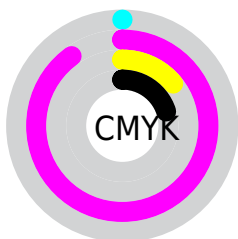
Distribution



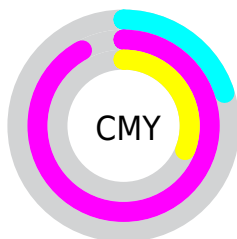
- Red (80%)
- Green (8%)
- Blue (69%)



- Red (80%)
- Yellow (8%)
- Blue (69%)



- Cyan (0%)
- Magenta (90%)
- Yellow (14%)
- Black (20%)





- Cyan (20%)
- Magenta (92%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 92.8000, 41.0176, 97.5224 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 92.8000, 41.0176, 97.5224 by changing the saturation by 10% instead.

 92.8000, 41.0176,
97.5224

 92.8000, 41.0176,
97.5224


255.0000, 0.0000,
0.0000

 69.0120, 39.4341,
92.0745


 159.0450, 35.9668,
84.1525


 57.3770, 32.3521,
76.8454


 179.8640, 37.0420,
65.8943


 45.8560, 25.7070,
61.5163


 196.8870, 28.6497,
50.9651

 34.6340, 18.9144,
46.8020

 214.4970, 19.9680,
35.5211

 23.9390, 12.8481,
32.5025

 232.1070, 11.2862,
20.0772

 12.4610, 7.6607,
16.2587

 249.7170, 2.6045,

 0.0000, 0.0000,

4.6332

0.0000

■ 92.8000, 41.0176,
97.5224

■ 92.8000, 41.0176,
97.5224

■ 80.7180, 45.4950,
108.1183

■ 104.8820, 36.5402,
86.9265

■ 117.5510, 31.7734,
75.8158

■ 129.6330, 27.2959,
65.2199

■ 142.3020, 22.5291,
54.1091

■ 154.4980, 18.4885,
43.4133

■ 166.5800, 14.0111,
32.8173

■ 179.2490, 9.2442,
21.7066

■ 191.3310, 4.7668,
11.1107

■ 204.0000, 0.0000,
0.0000

Harmonies

Analogous

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



112.9130, 59.2029, 4.4613



92.8000, 41.0176, 97.5224



81.6370, 11.5180, 132.7454

Triad

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



92.8000, 41.0176, 97.5224



105.1900, -51.8587, 20.0044



105.4700, 43.6453, -92.4972

Complementary

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



92.8000, 41.0176, 97.5224



131.2000, -41.0176, -97.5224

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.



96.7890, 12.9220, -84.8840



92.8000, 41.0176, 97.5224



89.4660, -44.1067, -39.8737

Square

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



92.8000, 41.0176, 97.5224



104.6230, -51.5791, 70.4906



86.1360, -20.2800, -75.5413



107.7620, 67.6583, -94.5073

Rectangle

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



92.8000, 41.0176, 97.5224



75.3820, -8.5693, 135.6000



86.1360, -20.2800, -75.5413



102.9620, 34.0357, -90.2977

Sweetspot

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



92.8000, 41.0176, 97.5224



213.3570, 15.6000, 36.5209



49.3480, 76.2434, -1.1822



103.1350, 8.8074, 21.8066



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



92.8000, 41.0176, 97.5224



100.8690, 56.7596, 135.1729



82.3120, 0.8322, 106.7204



95.9020, 2.0203, 5.3479



65.7080, 37.1190, 87.9561



15.0100, 8.3761, 20.1622

Inverse Universe

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



92.8000, 41.0176, 97.5224



100.8690, 56.7596, 135.1729



141.6880, -0.8322, -106.7204



95.9020, 2.0203, 5.3479



65.7080, 37.1190, 87.9561



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 92.8000, 41.0176, 97.5224 looks on a white background.

Color Contrast Check

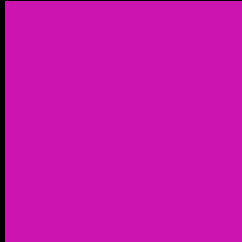
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.8000, 41.0176, 97.5224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

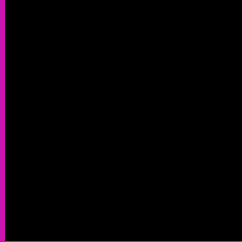
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.8000, 41.0176, 97.5224

Background



This preview shows how black text looks on a background with the YUV color 92.8000, 41.0176, 97.5224.



This preview shows how white text looks on a background with the YUV color 92.8000, 41.0176,

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

92.8000, 41.0176, 97.5224

Protanopia

91.2460, 70.3777, -80.0227

Deuteranopia

112.9480, 25.6616, -17.4944



Tritanopia

108.5320, -16.5313, 75.8324

Trichromacy



Original Color

92.8000, 41.0176, 97.5224



Protanomaly

91.6070, 59.8467, -15.4413



Deuteranomaly

105.4060, 31.3518, 24.1999



Tritanomaly

102.4940, 4.6865, 83.7588

Monochromacy



Original Color

92.8000, 41.0176, 97.5224



Achromatopsia

93.0000, 0.0000, 0.0000



Achromatomaly

92.5310, 15.0212, 35.4913

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.8000, 41.0176, 97.5224 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(204, 20, 176)` looks like.

```
.text, #text, p{  
    color:rgb(204, 20, 176)  
}
```

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(204, 20, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 20, 176) }
```

Border

The CSS property to change the border of an element to YUV 92.8000, 41.0176, 97.5224 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(204, 20, 176) }
```


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

```
.border{ border-color:rgb(204, 20, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 20, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 20, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 20, 176);  
box-shadow:4px 4px 4px 4px rgb(204, 20,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 92.8000, 41.0176, 97.5224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 20, 176) }
```

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

```
.background{ background-color: rgb(204, 20,  
176) }
```

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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