

Converting Colors

YUV(101.6340, 52.9314,
102.9300)

Have a look what the booklet for
YUV(101.6340, 52.9314, 102.9300)
contains.

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Color

**YUV(101.6340, 52.9314,
102.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	DB15D1
RGB	219, 21, 209
RGB Percent	86%, 8%, 82%
CMY	0.1412, 0.9176, 0.1804
CMYK	0.00, 0.90, 0.05, 0.14
HSL	303°, 82%, 47%
HSV	303°, 90%, 86%
XYZ	40.9902, 20.1998, 62.0601
YIQ	101.6340, 57.6600, 100.4440

Conversions

Conversions Part 2

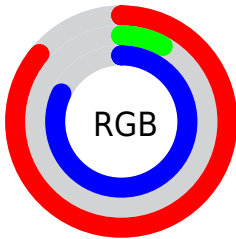
Format	Color
R_{YB}	219, 21, 209
Decimal	14357969
CIE _{Lab}	52.06, 84.39, -48.48
CIE _{LCh}	52, 97.320, 330.126
Yxy	20.1998, 0.3326, 0.1639
Android (android.graphics.Color)	4292548049 (0xFFDB15D1)
YUV	101.6340, 52.9314, 102.9300
Hunter-Lab	44.9442, 84.1438, -50.4081

Details

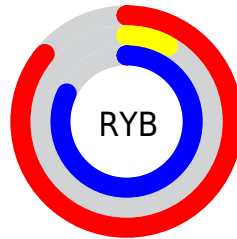
The YUV color **101.6340, 52.9314, 102.9300** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **138.3660, -52.9314, -102.9300**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6020, 44.5662, 79.2790**, and **65.0970, 43.8292, 82.3529** is the 20% darker color. If you saturate the color by 10%, you get **89.1930, 58.5719, 113.8407**, and if you desaturate by 10%, it is **114.6620, 47.0016, 91.5044**.

Distribution



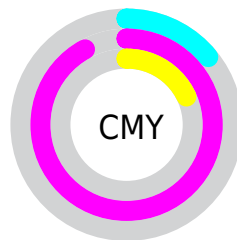
- Red (86%)
- Green (8%)
- Blue (82%)



- Red (86%)
- Yellow (8%)
- Blue (82%)



- Cyan (0%)
- Magenta (90%)
- Yellow (5%)
- Black (14%)




- Cyan (14%)
- Magenta (92%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.6340, 52.9314, 102.9300 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 101.6340, 52.9314, 102.9300 by changing the saturation by 10% instead.


 101.6340, 52.9314,
102.9300


 101.6340, 52.9314,
102.9300


255.0000, 0.0000,
0.0000


 77.1450, 51.2005,
98.0968


 164.6020, 44.5662,
79.2790


 65.0970, 43.8292,
82.3529


 182.7990, 35.5951,
63.3203


 53.3480, 36.3104,
67.2238


 200.4090, 26.9134,
47.8763

 41.8270, 29.6653,
51.8947

 218.0190, 18.2316,
32.4323

 30.6050, 22.8727,
37.1804

 236.2160, 9.2605,
16.4736

 19.1980, 16.6644,
21.7514

253.8260, 0.5788,

 3.4200, 13.1039,

1.0296

-2.9993

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 101.6340, 52.9314,
102.9300

■ 101.6340, 52.9314,
102.9300

■ 89.1930, 58.5719,
113.8407

■ 114.6620, 47.0016,
91.5044

■ 127.6900, 41.0718,
80.0789

■ 140.7180, 35.1420,
68.6533

■ 153.7460, 29.2122,
57.2278

■ 166.8880, 23.7192,
45.7022

■ 179.3290, 18.0788,
34.7915

■ 192.3570, 12.1490,
23.3659

■ 205.3850, 6.2192,
11.9404

■ 218.4130, 0.2894,
0.5148

Harmonies

Analogous

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



117.6590, 67.7091, -17.2409



101.6340, 52.9314, 102.9300



90.8370, 18.3214, 143.9710

Triad

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



101.6340, 52.9314, 102.9300



116.7630, -57.5642, 30.0258



115.7570, 44.9828, -101.5189

Complementary

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



101.6340, 52.9314, 102.9300



138.3660, -52.9314, -102.9300

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.



105.4800, 8.1444, -92.5060



101.6340, 52.9314, 102.9300



101.8920, -50.2328, -34.9853

Square

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



101.6340, 52.9314, 102.9300



112.1200, -55.2752, 89.3488



92.0740, -33.0675, -80.7489



118.8810, 67.1067, -104.2586

Rectangle

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



101.6340, 52.9314, 102.9300



84.6810, -5.2657, 149.3698



92.0740, -33.0675, -80.7489



112.6790, 33.1893, -98.8195

Sweetspot

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



101.6340, 52.9314, 102.9300



214.1550, 18.6576, 35.8211



46.5620, 85.0119, -13.6479



103.5910, 10.5546, 21.4067



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.



101.6340, 52.9314, 102.9300



103.8330, 68.1163, 132.5735



90.3480, 9.6884, 112.8278



103.4290, 2.7465, 5.7628



70.5370, 46.5703, 89.8601



18.7700, 12.4384, 23.8807

Inverse Universe

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



101.6340, 52.9314, 102.9300



103.8330, 68.1163, 132.5735



149.6520, -9.6884, -112.8278



103.4290, 2.7465, 5.7628



70.5370, 46.5703, 89.8601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 101.6340, 52.9314, 102.9300 looks on a white background.

Color Contrast Check

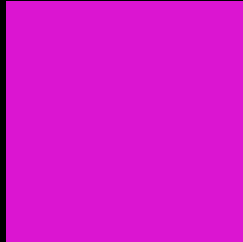
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 101.6340, 52.9314, 102.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

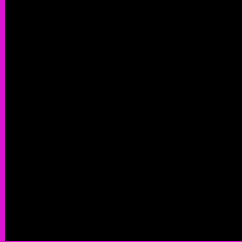
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 101.6340, 52.9314, 102.9300 Background



This preview shows how black text looks on a background with the YUV color 101.6340, 52.9314, 102.9300.



This preview shows how white text looks on a background with the YUV color 101.6340, 52.9314,

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

101.6340, 52.9314, 102.9300

Protanopia

103.6850, 74.5983, -80.4077

Deuteranopia

121.5470, 37.1983, -31.1747



Tritanopia

121.3470, -15.9471, 75.1177

Trichromacy



Original Color

101.6340, 52.9314, 102.9300



Protanomaly

103.0400, 66.5353, -14.0671



Deuteranomaly

114.0490, 42.8668, 17.4970



Tritanomaly

114.0580, 9.3384, 85.0181

Monochromacy



Original Color

101.6340, 52.9314, 102.9300



Achromatopsia

102.0000, 0.0000, 0.0000



Achromatomaly

102.2800, 19.0890, 37.4654

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6340, 52.9314, 102.9300 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(219, 21, 209)` looks like.

```
.text, #text, p{  
    color:rgb(219, 21, 209)  
}
```

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(219, 21, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 21, 209) }
```

Border

The CSS property to change the border of an element to YUV 101.6340, 52.9314, 102.9300 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(219, 21, 209) }
```


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

```
.border{ border-color:rgb(219, 21, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 21, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 21, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 21, 209);  
box-shadow:4px 4px 4px 4px rgb(219, 21,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 101.6340, 52.9314, 102.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 21, 209) }
```

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

```
.background{ background-color: rgb(219, 21,  
209) }
```

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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