

Converting Colors

YUV(107.0640, 30.5344,
99.9219)

Have a look what the booklet for
YUV(107.0640, 30.5344, 99.9219)
contains.

YUV(107.0640, 30.5344, 99.9219)	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(107.0640, 30.5344,
99.9219)**

Conversions

Conversions Part 1

Format	Color
Hex	DD25A9
RGB	221, 37, 169
RGB Percent	87%, 15%, 66%
CMY	0.1333, 0.8549, 0.3373
CMYK	0.00, 0.83, 0.24, 0.13
HSL	317°, 73%, 51%
HSV	317°, 83%, 87%
XYZ	37.6418, 19.5599, 39.3276
YIQ	107.0640, 67.2920, 80.0600

Conversions

Conversions Part 2

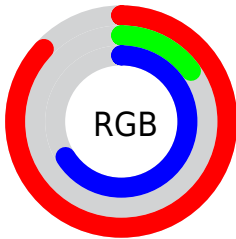
Format	Color
R_{YB}	221, 37, 169
Decimal	14493097
CIE _{Lab}	51.34, 76.94, -26.34
CIE _{LCh}	51, 81.323, 341.104
Yxy	19.5599, 0.3900, 0.2026
Android (android.graphics.Color)	4292683177 (0xFFDD25A9)
YUV	107.0640, 30.5344, 99.9219
Hunter-Lab	44.2265, 74.5273, -21.7639

Details

The YUV color **107.0640, 30.5344, 99.9219** 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 **150.9360, -30.5344, -99.9219**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0030, 29.5785, 79.8044**, and **61.4770, 27.3728, 87.2817** is the 20% darker color. If you saturate the color by 10%, you get **93.4660, 34.2803, 111.8473**, and if you desaturate by 10%, it is **120.6620, 26.7886, 87.9964**.

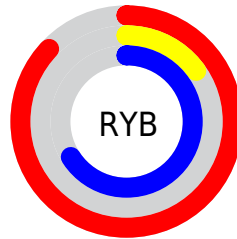
Distribution



Red (87%)

Green (15%)

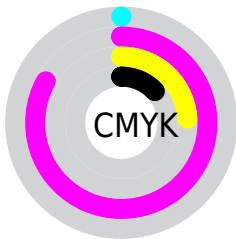
Blue (66%)



Red (87%)

Yellow (15%)

Blue (66%)

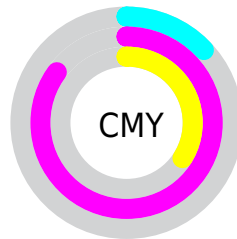


Cyan (0%)

Magenta (83%)

Yellow (24%)

Black (13%)



Cyan (13%)


Magenta (85%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.0640, 30.5344, 99.9219 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 107.0640, 30.5344, 99.9219 by changing the saturation by 10% instead.


 107.0640, 30.5344,
99.9219


 107.0640, 30.5344,
99.9219

255.0000, 0.0000,
0.0000


 73.2970, 33.8706,
103.2255


 164.0030, 29.5785,
79.8044


 61.4770, 27.3728,
87.2817

 184.9190, 33.5639,
61.4610

 49.9560, 20.7277,
71.9526


 202.7570, 25.7558,
45.8171

 38.5490, 14.5193,
56.5235

 220.3670, 17.0741,
30.3731

 27.8540, 8.4530,
42.2240

 237.9770, 8.3923,
14.9292

 16.4900, 3.7024,
25.8803

 0.0000, 0.0000,

0.0000

■ 107.0640, 30.5344,
99.9219

■ 107.0640, 30.5344,
99.9219

■ 93.4660, 34.2803,
111.8473

■ 120.6620, 26.7886,
87.9964

■ 84.2050, 36.8739,
119.9692

■ 134.2600, 23.0428,
76.0710

■ 147.9720, 19.7338,
64.0456

■ 161.5700, 15.9880,
52.1201

■ 175.7550, 11.9528,
39.6799

■ 189.3530, 8.2070,
27.7544

■ 203.0650, 4.8980,
15.7290

■ 216.6630, 1.1521,
3.8035

■ 230.2610, -2.5937,
-8.1219

Harmonies

Analogous

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



124.3950, 51.5703, 25.9636



107.0640, 30.5344, 99.9219



83.4590, 8.1547, 138.1635

Triad

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



107.0640, 30.5344, 99.9219



112.5110, -55.4679, 10.9529



112.3320, 49.6293, -98.5152

Complementary

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



107.0640, 30.5344, 99.9219



150.9360, -30.5344, -99.9219

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.



105.3950, 20.5113, -92.4314



107.0640, 30.5344, 99.9219



93.2210, -45.9580, -52.8138

Square

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



107.0640, 30.5344, 99.9219



114.8900, -56.6408, 60.6095



95.8990, -10.7962, -84.1034



112.4240, 70.2900, -98.5958

Rectangle

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



107.0640, 30.5344, 99.9219



102.6510, -23.4919, 115.1931



95.8990, -10.7962, -84.1034



110.6390, 40.6040, -97.0304

Sweetspot

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



107.0640, 30.5344, 99.9219



215.3800, 10.6587, 34.7467



72.6270, 73.1479, 11.7281



103.8530, 6.4815, 21.1769



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.



107.0640, 30.5344, 99.9219



97.1070, 42.3452, 138.4722



96.9180, -8.3406, 108.8199



103.2010, 1.8729, 5.9627



65.8630, 28.6615, 93.9591



17.5160, 7.6336, 24.9805

Inverse Universe

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



107.0640, 30.5344, 99.9219



97.1070, 42.3452, 138.4722



161.0820, 8.3406, -108.8199



103.2010, 1.8729, 5.9627



65.8630, 28.6615, 93.9591



17.5160, 7.6336, 24.9805

Previews

White Background



This preview shows how the YUV color 107.0640, 30.5344, 99.9219 looks on a white background.

Color Contrast Check

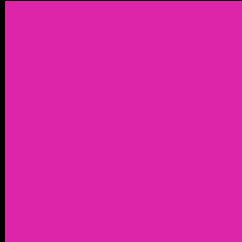
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.0640, 30.5344, 99.9219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

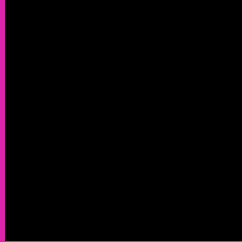
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.0640, 30.5344, 99.9219

Background



This preview shows how black text looks on a background with the YUV color 107.0640, 30.5344, 99.9219.



This preview shows how white text looks on a background with the YUV color 107.0640, 30.5344,

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

107.0640, 30.5344, 99.9219

Protanopia

115.1380, 57.6130, -45.7250

Deuteranopia

123.8370, 17.3354, -6.8730



Tritanopia

115.6150, -19.0372, 86.2836

Trichromacy



Original Color

107.0640, 30.5344, 99.9219



Protanomaly

111.9490, 47.8461, 7.0607



Deuteranomaly

117.4580, 22.4522, 32.0473



Tritanomaly

112.6430, -1.3030, 91.5211

Monochromacy



Original Color

107.0640, 30.5344, 99.9219



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

107.2060, 11.2374, 35.7763

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0640, 30.5344, 99.9219 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(221, 37, 169)` looks like.

```
.text, #text, p{  
    color:rgb(221, 37, 169)  
}
```

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(221, 37, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 37, 169) }
```

Border

The CSS property to change the border of an element to YUV 107.0640, 30.5344, 99.9219 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(221, 37, 169) }
```


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

```
.border{ border-color:rgb(221, 37, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 37, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 37, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 37, 169);  
box-shadow:4px 4px 4px 4px rgb(221, 37,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 107.0640, 30.5344, 99.9219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 37, 169) }
```

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

```
.background{ background-color: rgb(221, 37,  
169) }
```

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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