

Converting Colors

YUV(88.2430, 52.6312,
105.9039)

Have a look what the booklet for
YUV(88.2430, 52.6312, 105.9039)
contains.

YUV(88.2430, 52.6312, 105.9039)	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(88.2430, 52.6312,
105.9039)**

Conversions

Conversions Part 1

Format	Color
Hex	D106C3
RGB	209, 6, 195
RGB Percent	82%, 2%, 76%
CMY	0.1804, 0.9765, 0.2353
CMYK	0.00, 0.97, 0.07, 0.18
HSL	304°, 94%, 42%
HSV	304°, 97%, 82%
XYZ	36.2099, 17.6257, 53.1234
YIQ	88.2430, 60.3190, 101.8150

Conversions

Conversions Part 2

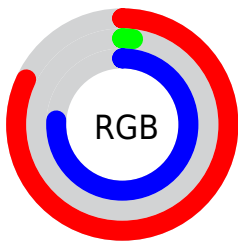
Format	Color
R_{YB}	209, 6, 195
Decimal	13698755
CIE _{Lab}	49.04, 82.13, -45.31
CIE _{LCh}	49, 93.796, 331.112
Yxy	17.6257, 0.3385, 0.1648
Android (android.graphics.Color)	4291888835 (0xFFD106C3)
YUV	88.2430, 52.6312, 105.9039
Hunter-Lab	41.9830, 80.4846, -45.6349

Details

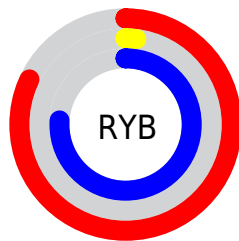
The YUV color **88.2430, 52.6312, 105.9039** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **126.7570, -52.6312, -105.9039**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7380, 44.9922, 82.6678**, and **60.9240, 39.4775, 78.1197** is the 20% darker color. If you saturate the color by 10%, you get **84.7210, 54.3675, 108.9927**, and if you desaturate by 10%, it is **100.6840, 46.9908, 94.9931**.

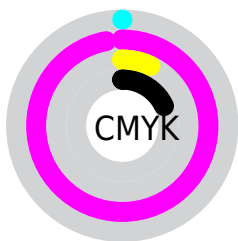
Distribution



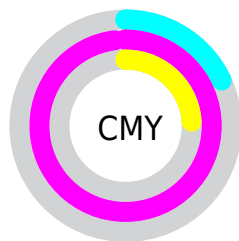
- Red (82%)
- Green (2%)
- Blue (76%)



- Red (82%)
- Yellow (2%)
- Blue (76%)



- Cyan (0%)
- Magenta (97%)
- Yellow (7%)
- Black (18%)





- Cyan (18%)
- Magenta (98%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.2430, 52.6312, 105.9039 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 88.2430, 52.6312, 105.9039 by changing the saturation by 10% instead.


 88.2430, 52.6312,
105.9039


 88.2430, 52.6312,
105.9039


255.0000, 0.0000,
0.0000


 72.5590, 46.5594,
93.3488


 160.7380, 44.9922,
82.6678

 60.9240, 39.4775,
78.1197


 179.2770, 37.3314,
66.4091


 49.1750, 31.9587,
62.9905


 196.8870, 28.6497,
50.9651

 37.6540, 25.3136,
47.6614

 214.4970, 19.9680,
35.5211

 26.8450, 18.8104,
33.4619

 232.1070, 11.2862,
20.0772

 15.2530, 13.1863,
17.3181

 249.7170, 2.6045,

 2.8670, 8.4466,

4.6332

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 88.2430, 52.6312,
105.9039

■ 88.2430, 52.6312,
105.9039

■ 84.7210, 54.3675,
108.9927

■ 100.6840, 46.9908,
94.9931

■ 113.2390, 41.7872,
83.9824

■ 125.6800, 36.1468,
73.0716

■ 138.2350, 30.9431,
62.0609

■ 150.6760, 25.3027,
51.1501

■ 162.6440, 20.3885,
40.6542

■ 175.0850, 14.7481,
29.7435

■ 187.6400, 9.5445,
18.7327

■ 200.0810, 3.9041,
7.8220

Harmonies

Analogous

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



112.9630, 70.0242, -13.1226



88.2430, 52.6312, 105.9039



87.1910, 14.6958, 140.1525

Triad

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



88.2430, 52.6312, 105.9039



109.3650, -53.9169, 26.8669



109.4480, 43.6561, -95.9859

Complementary

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



88.2430, 52.6312, 105.9039



126.7570, -52.6312, -105.9039

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.



99.7410, 9.0017, -87.4729



88.2430, 52.6312, 105.9039



94.2060, -46.4436, -37.0147

Square

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



88.2430, 52.6312, 105.9039



105.5860, -52.0539, 82.8011



86.9050, -30.0262, -76.2157



113.0110, 70.0006, -99.1106

Rectangle

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



88.2430, 52.6312, 105.9039



81.0780, -7.4335, 144.6366



86.9050, -30.0262, -76.2157



106.4840, 32.2994, -93.3865

Sweetspot

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



88.2430, 52.6312, 105.9039



210.9920, 19.2309, 38.5950



33.3280, 86.6063, -11.6887



101.1290, 11.2754, 23.5659



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.



88.2430, 52.6312, 105.9039



103.2630, 65.9323, 133.0733



76.7290, 8.5146, 116.0017



98.4290, 2.7465, 5.7628



68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Inverse Universe

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



88.2430, 52.6312, 105.9039



103.2630, 65.9323, 133.0733



138.2710, -8.5146, -116.0017



98.4290, 2.7465, 5.7628



68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 88.2430, 52.6312, 105.9039 looks on a white background.

Color Contrast Check

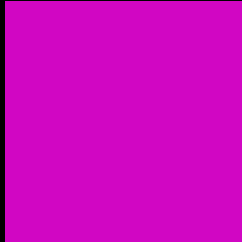
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.2430, 52.6312, 105.9039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

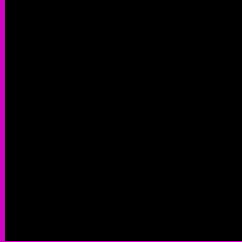
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 88.2430, 52.6312, 105.9039

Background



This preview shows how black text looks on a background with the YUV color 88.2430, 52.6312, 105.9039.



This preview shows how white text looks on a background with the YUV color 88.2430, 52.6312,

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

88.2430, 52.6312, 105.9039

Protanopia

94.3920, 72.2777, -82.7818

Deuteranopia

115.2440, 33.4037, -27.4010



Tritanopia

113.7490, -15.6523, 73.8881

Trichromacy



Original Color

88.2430, 52.6312, 105.9039



Protanomaly

92.2850, 64.9355, -14.2819



Deuteranomaly

105.0880, 40.3826, 20.9708



Tritanomaly

104.3570, 9.1910, 85.6329

Monochromacy



Original Color

88.2430, 52.6312, 105.9039



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

87.9920, 19.2309, 38.5950

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2430, 52.6312, 105.9039 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(209, 6, 195)` looks like.

```
.text, #text, p{  
    color:rgb(209, 6, 195)  
}
```

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(209, 6, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 6, 195) }
```

Border

The CSS property to change the border of an element to YUV 88.2430, 52.6312, 105.9039 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(209, 6, 195) }
```


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

```
.border{ border-color:rgb(209, 6, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 6, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 6, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 6, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 6,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 88.2430, 52.6312, 105.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 6, 195) }
```

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

```
.background{ background-color: rgb(209, 6,  
195) }
```

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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