

Converting Colors

YUV(76.2180, 43.7695,
101.5408)

Have a look what the booklet for
YUV(76.2180, 43.7695, 101.5408)
contains.

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Color

**YUV(76.2180, 43.7695,
101.5408)**

Conversions

Conversions Part 1

Format	Color
Hex	C000A5
RGB	192, 0, 165
RGB Percent	75%, 0%, 65%
CMY	0.2471, 1.0000, 0.3529
CMYK	0.00, 1.00, 0.14, 0.25
HSL	308°, 100%, 38%
HSV	308°, 100%, 75%
XYZ	28.5298, 13.9231, 36.7810
YIQ	76.2180, 61.4670, 92.0190

Conversions

Conversions Part 2

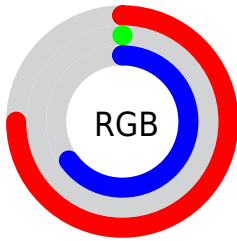
Format	Color
RYB	192, 0, 165
Decimal	12583077
CIELab	44.12, 75.63, -35.63
CIELCh	44, 83.602, 334.774
Yxy	13.9231, 0.3601, 0.1757
Android (android.graphics.Color)	4290773157 (0xFFC000A5)
YUV	76.2180, 43.7695, 101.5408
Hunter-Lab	37.3136, 71.1810, -32.3242

Details

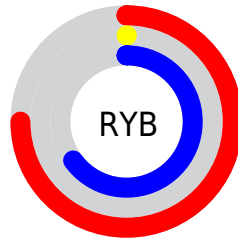
The YUV color **76.2180, 43.7695, 101.5408** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **115.7820, -43.7695, -101.5408**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0840, 33.4826, 87.6263**, and **52.9480, 29.6056, 71.0826** is the 20% darker color. If you saturate the color by 10%, you get **76.2180, 43.7695, 101.5408**, and if you desaturate by 10%, it is **87.7130, 39.5815, 91.4597**.

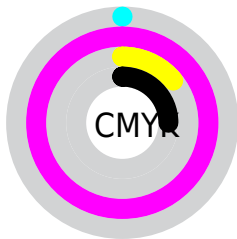
Distribution



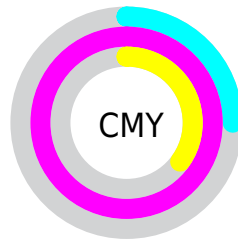
- Red (75%)
- Green (0%)
- Blue (65%)



- Red (75%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.2180, 43.7695, 101.5408 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 76.2180, 43.7695, 101.5408 by changing the saturation by 10% instead.

76.2180, 43.7695,
101.5408

76.2180, 43.7695,
101.5408

255.0000, 0.0000,
0.0000

64.4690, 36.2508,
86.4117

152.0840, 33.4826,
87.6263

52.9480, 29.6056,
71.0826

173.8970, 37.0258,
71.1273

41.4270, 22.9605,
55.7535

192.1910, 30.9648,
55.0835

30.3190, 16.6047,
40.9392

209.2140, 22.5725,
40.1543

19.6240, 10.5384,
26.6398

226.8240, 13.8908,
24.7104

4.7430, 6.5357,
3.7334

244.4340, 5.2090,

0.0000, 0.0000,

9.2664

0.0000

■ 76.2180, 43.7695,
101.5408

■ 87.7130, 39.5815,
91.4597

■ 99.0940, 34.9567,
81.4786

■ 111.1760, 30.4792,
70.8826

■ 122.6710, 26.2912,
60.8015

■ 134.1660, 22.1032,
50.7204

■ 145.5470, 17.4783,
40.7393

■ 157.0420, 13.2903,
30.6582

■ 169.1240, 8.8129,
20.0623

■ 180.5050, 4.1880,
10.0811

Harmonies

Analogous

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



103.8590, 57.7505, 3.6317



76.2180, 43.7695, 101.5408



76.8380, 9.9399, 125.5531

Triad

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



76.2180, 43.7695, 101.5408



97.5040, -48.0695, 17.9750



98.3460, 41.7344, -86.2494

Complementary

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



76.2180, 43.7695, 101.5408



115.7820, -43.7695, -101.5408

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.



89.8930, 11.8848, -78.8362



76.2180, 43.7695, 101.5408



81.4920, -40.1756, -40.7735

Square

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



76.2180, 43.7695, 101.5408



96.3390, -47.4951, 67.2317



79.4680, -20.4437, -69.6934



100.9970, 64.5845, -88.5744

Rectangle

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



76.2180, 43.7695, 101.5408



70.8110, -9.2738, 128.2078



79.4680, -20.4437, -69.6934



95.8380, 32.1249, -84.0499

Sweetspot

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



76.2180, 43.7695, 101.5408



204.7210, 16.8995, 39.7097



29.6620, 80.0326, -3.2116



97.9010, 10.4018, 23.7658



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



76.2180, 43.7695, 101.5408



99.2600, 57.0598, 132.1990



65.3880, 2.2737, 111.0387



91.0160, 2.4571, 5.2480



63.8710, 36.5456, 85.1821



13.0590, 7.3659, 17.4883

Inverse Universe

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



76.2180, 43.7695, 101.5408



99.2600, 57.0598, 132.1990



126.6120, -2.2737, -111.0387



91.0160, 2.4571, 5.2480



63.8710, 36.5456, 85.1821



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 76.2180, 43.7695, 101.5408 looks on a white background.

Color Contrast Check

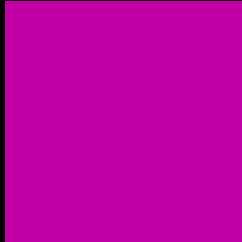
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.2180, 43.7695, 101.5408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

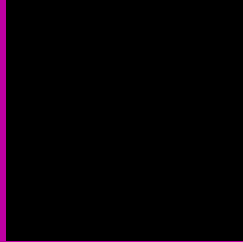
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.2180, 43.7695, 101.5408

Background



This preview shows how black text looks on a background with the YUV color 76.2180, 43.7695, 101.5408.



This preview shows how white text looks on a background with the YUV color 76.2180, 43.7695,

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



Protanopia

85.3130, 65.4147, -74.8195

Deuteranopia

105.9050, 24.2038, -16.5797

Tritanopia

100.7380, -15.6468, 72.1438

Trichromacy



Protanomaly

82.3580, 57.5045, -10.8380

Deuteranomaly

94.8300, 31.6358, 26.4591

Tritanomaly

91.5370, 6.1443, 82.8441

Monochromacy



Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7700, 15.8894, 37.0357

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2180, 43.7695, 101.5408 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(192, 0, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 165)  
}
```

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(192, 0, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 165) }
```

Border

The CSS property to change the border of an element to YUV 76.2180, 43.7695, 101.5408 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(192, 0, 165) }
```

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

```
.border{ border-color:rgb(192, 0, 165) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 0,  
165) }
```


Background

The CSS property to change the background color of an element to YUV 76.2180, 43.7695, 101.5408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 165) }
```

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

```
.background{ background-color: rgb(192, 0,  
165) }
```

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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