

Converting Colors

YUV(72.6880, 50.9328, 90.6046)

Have a look what the booklet for
YUV(72.6880, 50.9328, 90.6046)
contains.

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Color

**YUV(72.6880, 50.9328,
90.6046)**

Conversions

Conversions Part 1

Format	Color
Hex	B000B0
RGB	176, 0, 176
RGB Percent	69%, 0%, 69%
CMY	0.3098, 1.0000, 0.3098
CMYK	0.00, 1.00, 0.00, 0.31
HSL	300°, 100%, 35%
HSV	300°, 100%, 69%
XYZ	25.7410, 12.3647, 42.1042
YIQ	72.6880, 48.4000, 92.0480

Conversions

Conversions Part 2

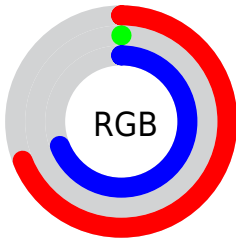
Format	Color
R_{YB}	176, 0, 176
Decimal	11534512
CIE _{Lab}	41.79, 74.40, -46.07
CIE _{LCh}	42, 87.508, 328.233
Yxy	12.3647, 0.3209, 0.1542
Android (android.graphics.Color)	4289724592 (0xFFB000B0)
YUV	72.6880, 50.9328, 90.6046
Hunter-Lab	35.1635, 69.1326, -46.3785

Details

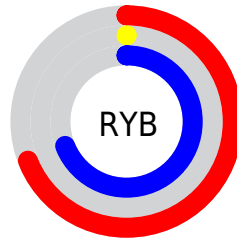
The YUV color **72.6880, 50.9328, 90.6046** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **103.3120, -50.9328, -90.6046**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1950, 41.8089, 77.0050**, and **49.3040, 36.3321, 60.2464** is the 20% darker color. If you saturate the color by 10%, you get **72.6880, 50.9328, 90.6046**, and if you desaturate by 10%, it is **83.2540, 45.7238, 81.3382**.

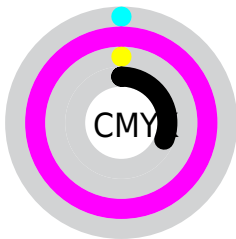
Distribution



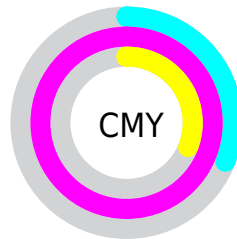
- Red (69%)
- Green (0%)
- Blue (69%)



- Red (69%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)





- Cyan (31%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.6880, 50.9328, 90.6046 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 72.6880, 50.9328, 90.6046 by changing the saturation by 10% instead.


 72.6880, 50.9328,
90.6046


 72.6880, 50.9328,
90.6046


255.0000, 0.0000,
0.0000

 60.9390, 43.4141,
75.4755


 147.1950, 41.8089,
77.0050


 49.3040, 36.3321,
60.2464


 172.8200, 40.5147,
72.0719


 37.9680, 29.1028,
45.6321


 190.4300, 31.8330,
56.6279

 27.4580, 22.4522,
32.0473

 207.4530, 23.4407,
41.6987

 16.0510, 16.2439,
16.6183

 224.4760, 15.0483,
26.7695

 3.6650, 11.5042,
-3.2142

 242.0860, 6.3666,

 0.0000, 0.0000,

11.3256

0.0000

■ 72.6880, 50.9328,
90.6046

■ 83.2540, 45.7238,
81.3382

■ 93.2330, 40.8041,
72.5867

■ 103.7990, 35.5951,
63.3203

■ 113.7780, 30.6754,
54.5687

■ 124.3440, 25.4664,
45.3023

■ 134.9100, 20.2574,
36.0359

■ 144.8890, 15.3377,
27.2843

■ 155.4550, 10.1287,
18.0180

■ 165.4340, 5.2090,
9.2664

Harmonies

Analogous

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



90.2830, 67.8945, -30.0662



72.6880, 50.9328, 90.6046



76.3690, 14.6081, 121.5794

Triad

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



72.6880, 50.9328, 90.6046



92.8410, -45.7706, 27.3264



92.8860, 36.0452, -81.4610

Complementary

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



72.6880, 50.9328, 90.6046



103.3120, -50.9328, -90.6046

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.



83.8630, 4.0115, -73.5479



72.6880, 50.9328, 90.6046



80.9820, -39.9241, -28.0482

Square

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



72.6880, 50.9328, 90.6046



87.2680, -43.0231, 79.5720



71.6140, -35.3057, -62.8055



98.2100, 61.5215, -86.1302

Rectangle

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



72.6880, 50.9328, 90.6046



71.4240, -5.6320, 126.7932



71.6140, -35.3057, -62.8055



90.1500, 25.5621, -79.0615

Sweetspot

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



72.6880, 50.9328, 90.6046



189.4970, 19.9680, 35.5211



20.0640, 76.8764, -17.5961



90.3460, 12.1544, 21.6216



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



72.6880, 50.9328, 90.6046



94.9900, 66.5599, 118.4038



62.6560, 12.4946, 99.4027



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Inverse Universe

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



72.6880, 50.9328, 90.6046



94.9900, 66.5599, 118.4038



113.3440, -12.4946, -99.4027



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 72.6880, 50.9328, 90.6046 looks on a white background.

Color Contrast Check

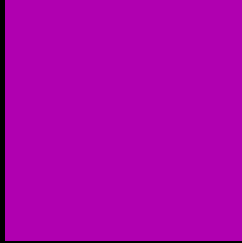
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.6880, 50.9328, 90.6046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

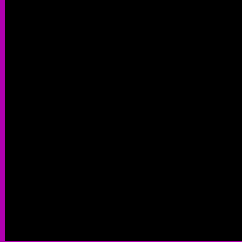
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.6880, 50.9328, 90.6046

Background



This preview shows how black text looks on a background with the YUV color 72.6880, 50.9328, 90.6046.

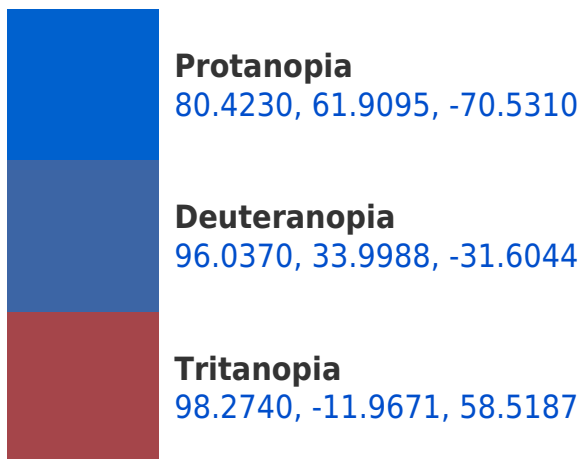


This preview shows how white text looks on a background with the YUV color 72.6880, 50.9328,

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



Trichromacy



Protanomaly

77.7600, 57.7993, -12.0675

Deuteranomaly

87.3320, 40.2623, 12.8638

Tritanomaly

89.0130, 10.8396, 70.1486

Monochromacy



Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.4320, 18.5210, 32.9471

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6880, 50.9328, 90.6046 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(176, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 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(176, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 176) }
```

Border

The CSS property to change the border of an element to YUV 72.6880, 50.9328, 90.6046 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(176, 0, 176) }
```

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

```
.border{ border-color:rgb(176, 0, 176) }
```

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

Here you see how a box with a 4 pixel rgb(176, 0, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 0,  
176) }
```


Background

The CSS property to change the background color of an element to YUV 72.6880, 50.9328, 90.6046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 176) }
```

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

```
.background{ background-color: rgb(176, 0,  
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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