

Converting Colors

YUV(75.1660, 52.6692, 93.6934)

Have a look what the booklet for
YUV(75.1660, 52.6692, 93.6934)
contains.

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Color

**YUV(75.1660, 52.6692,
93.6934)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B600B6 |
| RGB | 182, 0, 182 |
| RGB Percent | 71%, 0%, 71% |
| CMY | 0.2863, 1.0000, 0.2863 |
| CMYK | 0.00, 1.00, 0.00, 0.29 |
| HSL | 300°, 100%, 36% |
| HSV | 300°, 100%, 71% |
| XYZ | 27.7349, 13.3225, 45.3657 |
| YIQ | 75.1660, 50.0500, 95.1860 |

Conversions

Conversions Part 2

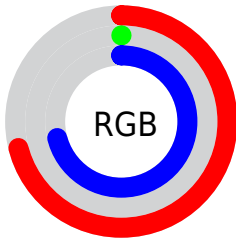
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 182, 0, 182 |
| Decimal | 11927734 |
| CIE _{Lab} | 43.25, 76.27, -47.23 |
| CIE _{LCh} | 43, 89.712, 328.233 |
| Yxy | 13.3225, 0.3209, 0.1542 |
| Android (android.graphics.Color) | 4290117814 (0xFFB600B6) |
| YUV | 75.1660, 52.6692, 93.6934 |
| Hunter-Lab | 36.5000, 71.7602, -48.1413 |

Details

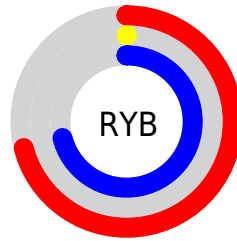
The YUV color **75.1660, 52.6692, 93.6934** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **106.8340, -52.6692, -93.6934**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6730, 43.5452, 80.0938**, and **51.6680, 37.6317, 63.4352** is the 20% darker color. If you saturate the color by 10%, you get **75.1660, 52.6692, 93.6934**, and if you desaturate by 10%, it is **85.7320, 47.4601, 84.4270**.

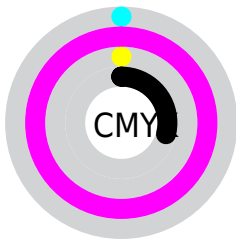
Distribution



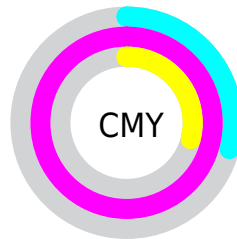
- Red (71%)
- Green (0%)
- Blue (71%)



- Red (71%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.1660, 52.6692, 93.6934 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 75.1660, 52.6692, 93.6934 by changing the saturation by 10% instead.


 75.1660, 52.6692,
93.6934


 75.1660, 52.6692,
93.6934


255.0000, 0.0000,
0.0000


 63.4170, 45.1504,
78.5643


 150.6730, 43.5452,
80.0938


 51.6680, 37.6317,
63.4352


 173.9940, 39.9360,
71.0423


 40.3320, 30.4023,
48.8208


 191.6040, 31.2542,
55.5983

 29.5230, 23.8992,
34.6213

 208.6270, 22.8619,
40.6691

 18.1160, 17.6908,
19.1923

 226.2370, 14.1802,
25.2252

 3.5340, 13.5407,
-3.0993

 243.2600, 5.7878,

 0.3420, 1.3104,

10.2960

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 75.1660, 52.6692,
93.6934

■ 85.7320, 47.4601,
84.4270

■ 96.2980, 42.2511,
75.1607

■ 107.4510, 36.7527,
65.3795

■ 118.0170, 31.5436,
56.1131

■ 128.5830, 26.3346,
46.8467

■ 139.1490, 21.1255,
37.5803

■ 149.7150, 15.9165,
28.3139

■ 160.8680, 10.4181,
18.5328

■ 171.4340, 5.2090,
9.2664

Harmonies

Analogous

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



93.5540, 70.2259, -31.1809



75.1660, 52.6692, 93.6934



78.9180, 15.3234, 125.4829

Triad

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



75.1660, 52.6692, 93.6934



96.0970, -47.3758, 28.8559



96.5050, 37.2190, -84.6349

Complementary

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



75.1660, 52.6692, 93.6934



106.8340, -52.6692, -93.6934

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.



87.2540, 4.3118, -76.5218



75.1660, 52.6692, 93.6934



83.9280, -41.3765, -28.8779

Square

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



75.1660, 52.6692, 93.6934



90.2360, -44.4863, 82.2310



73.9620, -36.4633, -64.8647



101.3560, 63.4215, -88.8892

Rectangle

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



75.1660, 52.6692, 93.6934



73.7450, -5.7903, 130.8966



73.9620, -36.4633, -64.8647



93.6550, 26.2991, -82.1354

Sweetspot

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



75.1660, 52.6692, 93.6934



195.3230, 20.5468, 36.5507



20.7480, 79.4972, -18.1960



94.7590, 12.4438, 22.1364



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



75.1660, 52.6692, 93.6934



97.8810, 68.5857, 122.0074



64.7920, 12.9205, 102.7914



86.7170, 2.6045, 4.6332



64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Inverse Universe

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



75.1660, 52.6692, 93.6934



97.8810, 68.5857, 122.0074



117.2080, -12.9205, -102.7914



86.7170, 2.6045, 4.6332



64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 75.1660, 52.6692, 93.6934 looks on a white background.

Color Contrast Check

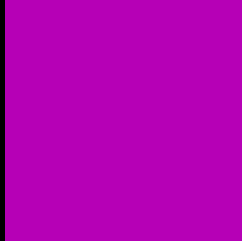
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.1660, 52.6692, 93.6934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

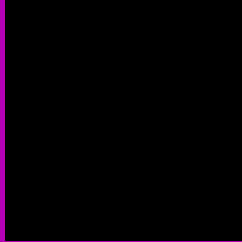
Any Text WCAG AA × Fail

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 75.1660, 52.6692, 93.6934 Background



This preview shows how black text looks on a background with the YUV color 75.1660, 52.6692, 93.6934.



This preview shows how white text looks on a background with the YUV color 75.1660, 52.6692,

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

83.5690, 63.8095, -73.2900

Deuteranopia

99.6670, 35.1672, -33.0340

Tritanopia

101.4700, -12.5567, 60.9778

Trichromacy



Protanomaly

80.3300, 59.9833, -12.5674

Deuteranomaly

90.9730, 41.4253, 13.1787

Tritanomaly

91.8500, 11.4130, 72.9226

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2580, 19.0998, 33.9767

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1660, 52.6692, 93.6934 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(182, 0, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 182)  
}
```

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(182, 0, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 182) }
```

Border

The CSS property to change the border of an element to YUV 75.1660, 52.6692, 93.6934 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(182, 0, 182) }
```

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

```
.border{ border-color:rgb(182, 0, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 0, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 0, 182);  
box-shadow:4px 4px 4px 4px rgb(182, 0,  
182) }
```


Background

The CSS property to change the background color of an element to YUV 75.1660, 52.6692, 93.6934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 0, 182) }
```

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

```
.background{ background-color: rgb(182, 0,  
182) }
```

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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