

Converting Colors

YUV(76.8180, 53.8267, 95.7526)

Have a look what the booklet for
YUV(76.8180, 53.8267, 95.7526)
contains.

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Color

**YUV(76.8180, 53.8267,
95.7526)**

Conversions

Conversions Part 1

Format	Color
Hex	BA00BA
RGB	186, 0, 186
RGB Percent	73%, 0%, 73%
CMY	0.2706, 1.0000, 0.2706
CMYK	0.00, 1.00, 0.00, 0.27
HSL	300°, 100%, 36%
HSV	300°, 100%, 73%
XYZ	29.1126, 13.9843, 47.6192
YIQ	76.8180, 51.1500, 97.2780

Conversions

Conversions Part 2

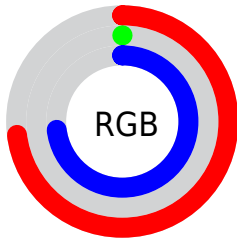
Format	Color
RYB	186, 0, 186
Decimal	12189882
CIELab	44.21, 77.51, -48.00
CIELCh	44, 91.173, 328.233
Yxy	13.9843, 0.3209, 0.1542
Android (android.graphics.Color)	4290379962 (0xFFBA00BA)
YUV	76.8180, 53.8267, 95.7526
Hunter-Lab	37.3956, 73.5209, -49.3225

Details

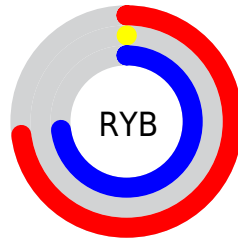
The YUV color **76.8180, 53.8267, 95.7526** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **109.1820, -53.8267, -95.7526**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9120, 44.4134, 81.6382**, and **53.3200, 38.7892, 65.4944** is the 20% darker color. If you saturate the color by 10%, you get **76.8180, 53.8267, 95.7526**, and if you desaturate by 10%, it is **87.9710, 48.3283, 85.9714**.

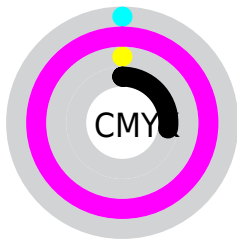
Distribution



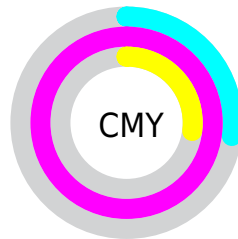
- Red (73%)
- Green (0%)
- Blue (73%)



- Red (73%)
- Yellow (0%)
- Blue (73%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)





- Cyan (27%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.8180, 53.8267, 95.7526 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 76.8180, 53.8267, 95.7526 by changing the saturation by 10% instead.

 76.8180, 53.8267,
95.7526


 76.8180, 53.8267,
95.7526


255.0000, 0.0000,
0.0000


 65.0690, 46.3080,
80.6235


 152.9120, 44.4134,
81.6382


 53.3200, 38.7892,
65.4944


 174.5810, 39.6466,
70.5275


 41.6850, 31.7073,
50.2653


 192.1910, 30.9648,
55.0835

 30.7620, 24.7673,
36.1657

 209.2140, 22.5725,
40.1543

 19.6540, 18.4116,
21.3514

 226.8240, 13.8908,
24.7104

 3.9900, 15.2879,
-3.4992

 244.4340, 5.2090,

 1.0260, 3.9312,

9.2664

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 76.8180, 53.8267,
95.7526

■ 87.9710, 48.3283,
85.9714

■ 98.5370, 43.1193,
76.7051

■ 109.6900, 37.6208,
66.9239

■ 120.2560, 32.4118,
57.6575

■ 131.4090, 26.9134,
47.8763

■ 142.5620, 21.4149,
38.0951

■ 153.1280, 16.2059,
28.8287

■ 164.2810, 10.7075,
19.0476

■ 174.8470, 5.4984,
9.7812

Harmonies

Analogous

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



95.8960, 71.5363, -31.4808



76.8180, 53.8267, 95.7526



80.7550, 15.8968, 128.2569

Triad

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



76.8180, 53.8267, 95.7526



98.7550, -48.6862, 29.1559



98.6080, 37.6613, -86.4792

Complementary

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



76.8180, 53.8267, 95.7526



109.1820, -53.8267, -95.7526

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.



89.2430, 4.3172, -78.2661



76.8180, 53.8267, 95.7526



85.9880, -42.3921, -29.8075

Square

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



76.8180, 53.8267, 95.7526



92.6060, -45.6548, 83.6605



75.7230, -37.3314, -66.4091



103.6870, 64.7373, -90.9335

Rectangle

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



76.8180, 53.8267, 95.7526



75.3540, -6.0905, 133.8705



75.7230, -37.3314, -66.4091



95.7580, 26.7413, -83.9798

Sweetspot

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



76.8180, 53.8267, 95.7526



199.7360, 20.8362, 37.0655



21.2040, 81.2444, -18.5959



96.1720, 12.7332, 22.6512



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



76.8180, 53.8267, 95.7526



99.9460, 70.0326, 124.5814



66.2160, 13.2045, 105.0506



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.



76.8180, 53.8267, 95.7526



99.9460, 70.0326, 124.5814



119.7840, -13.2045, -105.0506



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 76.8180, 53.8267, 95.7526 looks on a white background.

Color Contrast Check

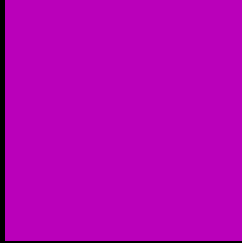
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.8180, 53.8267, 95.7526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

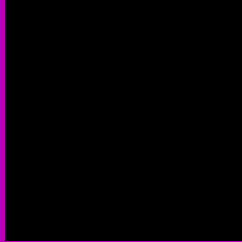
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8180, 53.8267, 95.7526

Background



This preview shows how black text looks on a background with the YUV color 76.8180, 53.8267, 95.7526.



This preview shows how white text looks on a background with the YUV color 76.8180, 53.8267,

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

101.8950, 36.0408, -33.2339

Tritanopia

103.7690, -12.7041, 61.5926

Trichromacy



Protanomaly

82.5580, 60.8569, -12.7674

Deuteranomaly

92.6140, 42.5883, 13.4935

Tritanomaly

93.5620, 11.5549, 74.0521

Monochromacy



Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0840, 19.6786, 35.0063

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8180, 53.8267, 95.7526 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(186, 0, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 186)  
}
```

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(186, 0, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 186) }
```

Border

The CSS property to change the border of an element to YUV 76.8180, 53.8267, 95.7526 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(186, 0, 186) }
```

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

```
.border{ border-color:rgb(186, 0, 186) }
```

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

Here you see how a box with a 4 pixel rgb(186, 0, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 186);  
box-shadow:4px 4px 4px 4px rgb(186, 0,  
186) }
```


Background

The CSS property to change the background color of an element to YUV 76.8180, 53.8267, 95.7526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 186) }
```

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

```
.background{ background-color: rgb(186, 0,  
186) }
```

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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