

Converting Colors

YUV(75.5210, 47.5641, 97.7671)

Have a look what the booklet for
YUV(75.5210, 47.5641, 97.7671)
contains.

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Color

**YUV(75.5210, 47.5641,
97.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	BB00AC
RGB	187, 0, 172
RGB Percent	73%, 0%, 67%
CMY	0.2667, 1.0000, 0.3255
CMYK	0.00, 1.00, 0.08, 0.27
HSL	305°, 100%, 37%
HSV	305°, 100%, 73%
XYZ	27.9399, 13.5434, 40.1713
YIQ	75.5210, 56.2400, 93.1360

Conversions

Conversions Part 2

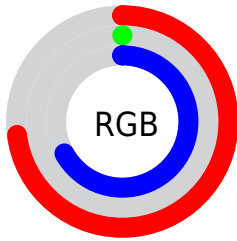
Format	Color
R_{YB}	187, 0, 172
Decimal	12255404
CIE _{Lab}	43.57, 75.68, -40.74
CIE _{LCh}	44, 85.950, 331.709
Yxy	13.5434, 0.3422, 0.1659
Android (android.graphics.Color)	4290445484 (0xFFBB00AC)
YUV	75.5210, 47.5641, 97.7671
Hunter-Lab	36.8013, 71.1167, -38.9584

Details

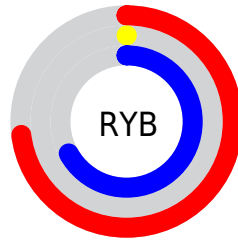
The YUV color **75.5210, 47.5641, 97.7671** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **111.4790, -47.5641, -97.7671**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5010, 37.7140, 83.7526**, and **52.1370, 32.9635, 67.4089** is the 20% darker color. If you saturate the color by 10%, you get **75.5210, 47.5641, 97.7671**, and if you desaturate by 10%, it is **86.9020, 42.9393, 87.7859**.

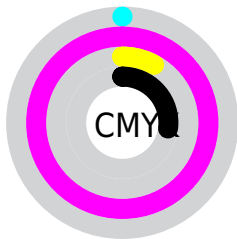
Distribution



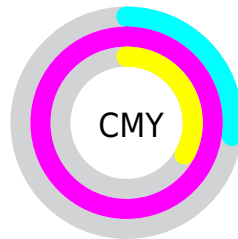
- Red (73%)
- Green (0%)
- Blue (67%)



- Red (73%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5210, 47.5641, 97.7671 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 75.5210, 47.5641, 97.7671 by changing the saturation by 10% instead.

■ 75.5210, 47.5641,
97.7671

■ 75.5210, 47.5641,
97.7671

■ 255.0000, 0.0000,
0.0000

■ 63.7720, 40.0454,
82.6380

■ 151.5010, 37.7140,
83.7526

■ 52.1370, 32.9635,
67.4089

■ 174.5810, 39.6466,
70.5275

■ 40.6160, 26.3183,
52.0798

■ 191.6040, 31.2542,
55.5983

■ 29.6930, 19.3784,
37.9802

■ 209.2140, 22.5725,
40.1543

■ 18.6990, 13.4594,
23.0660

■ 226.2370, 14.1802,
25.2252

■ 2.7360, 10.4832,
-2.3995

■ 243.8470, 5.4984,

■ 0.0000, 0.0000,

9.7812

0.0000

■ 75.5210, 47.5641,
97.7671

■ 86.9020, 42.9393,
87.7859

■ 97.5820, 38.1671,
78.4196

■ 108.9630, 33.5422,
68.4384

■ 120.2300, 28.4806,
58.5573

■ 131.4970, 23.4190,
48.6761

■ 142.2910, 19.0835,
39.2098

■ 153.6720, 14.4587,
29.2287

■ 164.9390, 9.3971,
19.3475

■ 175.7330, 5.0616,
9.8812

Harmonies

Analogous

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



100.3350, 62.4458, -9.0638



75.5210, 47.5641, 97.7671



77.4080, 12.1239, 125.0532

Triad

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



75.5210, 47.5641, 97.7671



96.6510, -47.6489, 23.1081



97.0750, 39.4030, -85.1348

Complementary

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



75.5210, 47.5641, 97.7671



111.4790, -47.5641, -97.7671

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.



88.2800, 8.2430, -77.4216



75.5210, 47.5641, 97.7671



82.7100, -40.7760, -34.8257

Square

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



75.5210, 47.5641, 97.7671



93.4260, -46.0590, 73.2944



77.2850, -26.2695, -67.7789



100.7690, 63.7109, -88.3744

Rectangle

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



75.5210, 47.5641, 97.7671



71.8650, -7.8214, 129.0374



77.2850, -26.2695, -67.7789



94.4530, 29.3567, -82.8353

Sweetspot

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



75.5210, 47.5641, 97.7671



199.0520, 18.2154, 37.6654



24.9060, 79.9123, -11.3186



95.8300, 11.4228, 22.9511



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.



75.5210, 47.5641, 97.7671



97.7800, 61.7335, 126.4809



65.1470, 7.8155, 106.8651



88.7170, 2.6045, 4.6332



63.7720, 40.0454, 82.6380



12.4610, 7.6607, 16.2587

Inverse Universe

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



75.5210, 47.5641, 97.7671



97.7800, 61.7335, 126.4809



121.8530, -7.8155, -106.8651



88.7170, 2.6045, 4.6332



63.7720, 40.0454, 82.6380



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 75.5210, 47.5641, 97.7671 looks on a white background.

Color Contrast Check

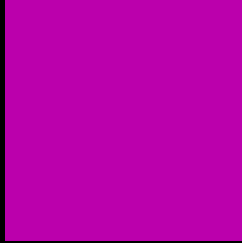
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.5210, 47.5641, 97.7671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

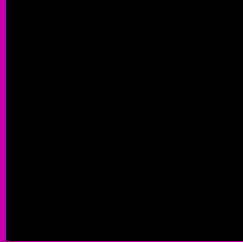
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5210, 47.5641, 97.7671

Background



This preview shows how black text looks on a background with the YUV color 75.5210, 47.5641, 97.7671.



This preview shows how white text looks on a background with the YUV color 75.5210, 47.5641,

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

84.3840, 64.3937, -74.0048

Deuteranopia

103.1260, 29.0249, -22.9125

Tritanopia

101.0470, -14.3202, 66.6108

Trichromacy



Protanomaly

81.1730, 58.0887, -11.5527

Deuteranomaly

93.2360, 35.8727, 20.8410

Tritanomaly

91.6720, 8.0497, 78.3407

Monochromacy



Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.5140, 17.4946, 35.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5210, 47.5641, 97.7671 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(187, 0, 172)` looks like.

```
.text, #text, p{  
  color:rgb(187, 0, 172)  
}
```

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(187, 0, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 0, 172) }
```

Border

The CSS property to change the border of an element to YUV 75.5210, 47.5641, 97.7671 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(187, 0, 172) }
```

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

```
.border{ border-color:rgb(187, 0, 172) }
```

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

Here you see how a box with a 4 pixel rgb(187, 0, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 0, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 0, 172);  
box-shadow:4px 4px 4px 4px rgb(187, 0,  
172) }
```


Background

The CSS property to change the background color of an element to YUV 75.5210, 47.5641, 97.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 0, 172) }
```

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

```
.background{ background-color: rgb(187, 0,  
172) }
```

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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