

Converting Colors

YUV(77.0160, 46.8271,
100.8410)

Have a look what the booklet for
YUV(77.0160, 46.8271, 100.8410)
contains.

YUV(77.0160, 46.8271, 100.8410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(77.0160, 46.8271,
100.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	C000AC
RGB	192, 0, 172
RGB Percent	75%, 0%, 67%
CMY	0.2471, 1.0000, 0.3255
CMYK	0.00, 1.00, 0.10, 0.25
HSL	306°, 100%, 38%
HSV	306°, 100%, 75%
XYZ	29.1846, 14.1850, 40.2295
YIQ	77.0160, 59.2200, 94.1960

Conversions

Conversions Part 2

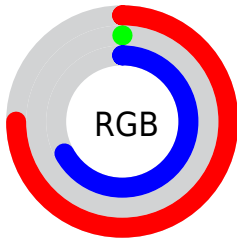
Format	Color
RYB	192, 0, 172
Decimal	12583084
CIELab	44.50, 76.56, -39.21
CIElCh	44, 86.012, 332.881
Yxy	14.1850, 0.3491, 0.1697
Android (android.graphics.Color)	4290773164 (0xFFC000AC)
YUV	77.0160, 46.8271, 100.8410
Hunter-Lab	37.6630, 72.4073, -36.9661

Details

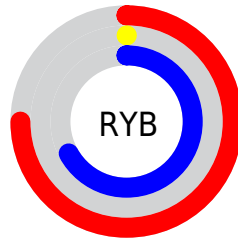
The YUV color **77.0160, 46.8271, 100.8410** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **114.9840, -46.8271, -100.8410**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5830, 36.6876, 86.3117**, and **53.6320, 32.2264, 70.4827** is the 20% darker color. If you saturate the color by 10%, you get **77.0160, 46.8271, 100.8410**, and if you desaturate by 10%, it is **88.3970, 42.2023, 90.8598**.

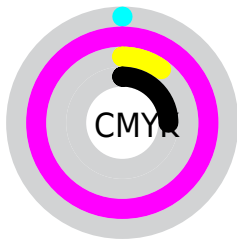
Distribution



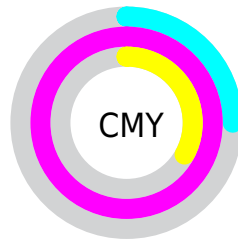
- Red (75%)
- Green (0%)
- Blue (67%)



- Red (75%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0160, 46.8271, 100.8410 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 77.0160, 46.8271, 100.8410 by changing the saturation by 10% instead.

■ 77.0160, 46.8271,
100.8410

■ 77.0160, 46.8271,
100.8410

■ 255.0000, 0.0000,
0.0000

■ 65.2670, 39.3084,
85.7118

■ 153.5830, 36.6876,
86.3117

■ 53.6320, 32.2264,
70.4827

■ 175.1680, 39.3572,
70.0127

■ 42.1110, 25.5813,
55.1537

■ 192.1910, 30.9648,
55.0835

■ 31.0030, 19.2255,
40.3394

■ 209.8010, 22.2831,
39.6395

■ 20.1940, 12.7224,
26.1399

■ 227.4110, 13.6014,
24.1956

■ 6.0250, 8.8617,
4.3631

■ 245.0210, 4.9196,

■ 0.0000, 0.0000,

8.7516

0.0000

■ 77.0160, 46.8271,
100.8410

■ 88.3970, 42.2023,
90.8598

■ 99.7780, 37.5774,
80.8787

■ 111.7460, 32.6632,
70.3828

■ 123.1270, 28.0384,
60.4016

■ 134.5080, 23.4136,
50.4205

■ 145.8890, 18.7887,
40.4393

■ 157.2700, 14.1639,
30.4582

■ 169.2380, 9.2497,
19.9623

■ 180.6190, 4.6248,
9.9811

Harmonies

Analogous

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



103.1400, 61.5560, -3.6308



77.0160, 46.8271, 100.8410



78.3050, 11.6816, 126.8975

Triad

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



77.0160, 46.8271, 100.8410



98.4120, -48.5171, 21.5637



98.8190, 41.0082, -86.6643

Complementary

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



77.0160, 46.8271, 100.8410



114.9840, -46.8271, -100.8410

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.



90.7250, 9.9956, -79.5658



77.0160, 46.8271, 100.8410



83.8730, -41.3494, -37.5996

Square

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



77.0160, 46.8271, 100.8410



96.0730, -47.3640, 71.8500



79.8440, -24.0801, -70.0232



102.5130, 65.3161, -89.9039

Rectangle

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



77.0160, 46.8271, 100.8410



72.4630, -8.1163, 130.2669



79.8440, -24.0801, -70.0232



96.8980, 31.1093, -84.9795

Sweetspot

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



77.0160, 46.8271, 100.8410



205.0630, 18.2099, 39.4097



27.5690, 81.0645, -7.5150



98.0150, 10.8386, 23.6658



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.



77.0160, 46.8271, 100.8410



100.2860, 60.9910, 131.2992



66.1860, 5.3313, 110.3389



91.0160, 2.4571, 5.2480



64.5550, 39.1664, 84.5823



13.2870, 8.2395, 17.2883

Inverse Universe

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



77.0160, 46.8271, 100.8410



100.2860, 60.9910, 131.2992



125.8140, -5.3313, -110.3389



91.0160, 2.4571, 5.2480



64.5550, 39.1664, 84.5823



13.2870, 8.2395, 17.2883

Previews

White Background



This preview shows how the YUV color 77.0160, 46.8271, 100.8410 looks on a white background.

Color Contrast Check

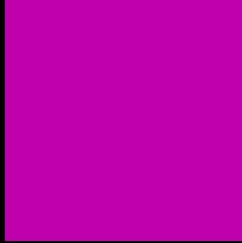
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.0160, 46.8271, 100.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

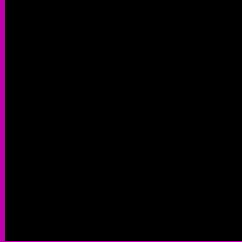
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.0160, 46.8271, 100.8410

Background



This preview shows how black text looks on a background with the YUV color 77.0160, 46.8271, 100.8410.



This preview shows how white text looks on a background with the YUV color 77.0160, 46.8271,

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

86.1280, 65.9989, -75.5343

Deuteranopia

105.6810, 27.2723, -20.7682

Tritanopia

102.8410, -15.2046, 70.2994

Trichromacy



Protanomaly

82.8140, 59.2517, -11.2379

Deuteranomaly

95.2040, 34.4094, 23.5001

Tritanomaly

93.1670, 7.3127, 81.4145

Monochromacy



Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1120, 17.1998, 36.7358

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0160, 46.8271, 100.8410 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 0, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 172) }
```

Border

The CSS property to change the border of an element to YUV 77.0160, 46.8271, 100.8410 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, 172) }
```

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

```
.border{ border-color:rgb(192, 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(192, 0, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 172);  
box-shadow:4px 4px 4px 4px rgb(192, 0,  
172) }
```


Background

The CSS property to change the background color of an element to YUV 77.0160, 46.8271, 100.8410 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, 172) }
```

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

```
.background{ background-color: rgb(192, 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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