

Converting Colors

YUV(75.9700, 12.8328, 84.2183)

Have a look what the booklet for
YUV(75.9700, 12.8328, 84.2183)
contains.

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Color

**YUV(75.9700, 12.8328,
84.2183)**

Conversions

Conversions Part 1

Format	Color
Hex	AC1666
RGB	172, 22, 102
RGB Percent	67%, 9%, 40%
CMY	0.3255, 0.9137, 0.6000
CMYK	0.00, 0.87, 0.41, 0.33
HSL	328°, 77%, 38%
HSV	328°, 87%, 67%
XYZ	19.6984, 10.3038, 13.5210
YIQ	75.9700, 63.7200, 56.6800

Conversions

Conversions Part 2

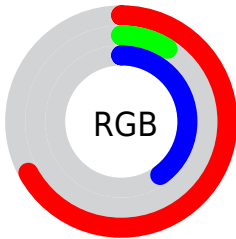
Format	Color
R_{YB}	172, 22, 102
Decimal	11277926
CIE Lab	38.38, 61.49, -6.02
CIE LCh	38, 61.781, 354.410
Yxy	10.3038, 0.4526, 0.2367
Android (android.graphics.Color)	4289468006 (0xFFAC1666)
YUV	75.9700, 12.8328, 84.2183
Hunter-Lab	32.0995, 53.3656, -2.5045

Details

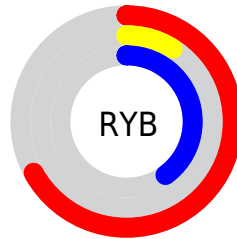
The YUV color **75.9700, 12.8328, 84.2183** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **118.0300, -12.8328, -84.2183**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.4660, 7.1653, 82.0293**, and **40.3560, 7.2195, 64.5858** is the 20% darker color. If you saturate the color by 10%, you get **65.0790, 14.2581, 93.7697**, and if you desaturate by 10%, it is **86.8610, 11.4075, 74.6669**.

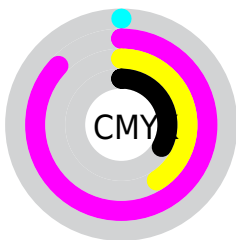
Distribution



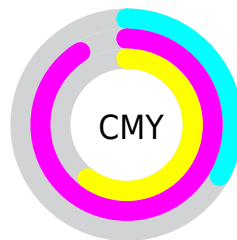
- Red (67%)
- Green (9%)
- Blue (40%)



- Red (67%)
- Yellow (9%)
- Blue (40%)



- Cyan (0%)
- Magenta (87%)
- Yellow (41%)
- Black (33%)





- Cyan (33%)
- Magenta (91%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.9700, 12.8328, 84.2183 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 75.9700, 12.8328, 84.2183 by changing the saturation by 10% instead.

 75.9700, 12.8328,
84.2183


 75.9700, 12.8328,
84.2183

255.0000, 0.0000,
0.0000


 51.6490, 12.9910,
80.1148


 138.4660, 7.1653,
82.0293


 40.3560, 7.2195,
64.5858


 164.8570, 7.4655,
79.0554


 29.5900, 2.1741,
49.4716

 184.3710, 11.1561,
61.9416

 19.0800, -4.4764,
35.8868

 204.5860, 14.9941,
44.2131

 7.2900, -3.1010,
14.6547

 223.8890, 15.3377,
27.2843

 0.0000, 0.0000,
0.0000

 240.9120, 6.9454,

12.3552

■ 75.9700, 12.8328,
84.2183

■ 75.9700, 12.8328,
84.2183

■ 65.0790, 14.2581,
93.7697

■ 86.8610, 11.4075,
74.6669

■ 61.9160, 14.8314,
96.5437

■ 97.7520, 9.9823,
65.1155

■ 109.2300, 8.2676,
55.0493

■ 120.1210, 6.8423,
45.4979

■ 131.0120, 5.4171,
35.9465

■ 141.9030, 3.9918,
26.3951

■ 152.7940, 2.5666,
16.8437

■ 164.2720, 0.8519,
6.7775

■ 175.1630, -0.5734,
-2.7740

Harmonies

Analogous

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



89.9570, 29.1082, 43.8877



75.9700, 12.8328, 84.2183



76.8520, -11.7590, 85.1988

Triad

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



75.9700, 12.8328, 84.2183



79.9290, -39.4050, -7.8307



83.5910, 43.5856, -73.3093

Complementary

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



75.9700, 12.8328, 84.2183



118.0300, -12.8328, -84.2183

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.



80.6780, 24.8087, -70.7546



75.9700, 12.8328, 84.2183



65.5450, -20.4817, -57.4830

Square

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



75.9700, 12.8328, 84.2183



85.1770, -41.9923, 28.7858



74.1630, 2.3846, -65.0410



80.4740, 54.4893, -70.5757

Rectangle

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



75.9700, 12.8328, 84.2183



81.4270, -30.7765, 71.5395



74.1630, 2.3846, -65.0410



82.8100, 38.0547, -72.6244

Sweetspot

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



75.9700, 12.8328, 84.2183



186.8760, 4.9911, 32.5577



60.0300, 55.2012, 28.0377



89.6310, 3.1399, 19.6176



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



75.9700, 12.8328, 84.2183



80.6560, 19.3966, 125.7127



67.4200, -19.9271, 91.7167



81.2610, 0.8573, 5.0331



53.9700, 12.8328, 84.2183



8.2450, 1.8512, 12.9401

Inverse Universe

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



75.9700, 12.8328, 84.2183



80.6560, 19.3966, 125.7127



126.5800, 19.9271, -91.7167



81.2610, 0.8573, 5.0331



53.9700, 12.8328, 84.2183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 75.9700, 12.8328, 84.2183 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 75.9700, 12.8328, 84.2183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

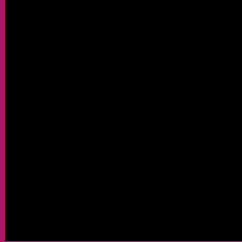
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.9700, 12.8328, 84.2183

Background



This preview shows how black text looks on a background with the YUV color 75.9700, 12.8328, 84.2183.



This preview shows how white text looks on a background with the YUV color 75.9700, 12.8328,

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



Original Color

75.9700, 12.8328, 84.2183

Protanopia

90.9590, 25.6562, -15.7500

Deuteranopia

92.9730, 0.9993, 6.1627



Tritanopia

81.6030, -17.5523, 76.6472

Trichromacy



Original Color

75.9700, 12.8328, 84.2183

Protanomaly

85.3380, 21.0324, 20.7516

Deuteranomaly

87.0010, 5.4225, 34.2021

Tritanomaly

79.4860, -6.6486, 79.3808

Monochromacy



Original Color

75.9700, 12.8328, 84.2183

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7510, 4.5598, 30.9134

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9700, 12.8328, 84.2183 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(172, 22, 102)` looks like.

```
.text, #text, p{  
    color:rgb(172, 22, 102)  
}
```

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(172, 22, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 22, 102) }
```

Border

The CSS property to change the border of an element to YUV 75.9700, 12.8328, 84.2183 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(172, 22, 102) }
```


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

```
.border{ border-color:rgb(172, 22, 102) }
```

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

Here you see how a box with a 4 pixel rgb(172, 22, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 22, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 22, 102);  
box-shadow:4px 4px 4px 4px rgb(172, 22,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 75.9700, 12.8328, 84.2183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 22, 102) }
```

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

```
.background{ background-color: rgb(172, 22,  
102) }
```

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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