

Converting Colors

YUV(82.5300, 10.0917, 76.7112)

Have a look what the booklet for
YUV(82.5300, 10.0917, 76.7112)
contains.

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Color

**YUV(82.5300, 10.0917,
76.7112)**

Conversions

Conversions Part 1

Format	Color
Hex	AA2267
RGB	170, 34, 103
RGB Percent	67%, 13%, 40%
CMY	0.3333, 0.8667, 0.5961
CMYK	0.00, 0.80, 0.39, 0.33
HSL	330°, 67%, 40%
HSV	330°, 80%, 67%
XYZ	19.5978, 10.6694, 13.8584
YIQ	82.5300, 58.9070, 50.2910

Conversions

Conversions Part 2

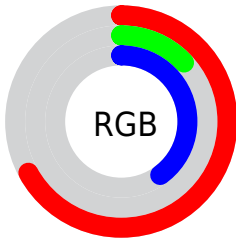
Format	Color
R_{YB}	170, 34, 103
Decimal	11149927
CIE Lab	39.02, 58.24, -5.75
CIE LCh	39, 58.524, 354.366
Yxy	10.6694, 0.4441, 0.2418
Android (android.graphics.Color)	4289340007 (0xFFAA2267)
YUV	82.5300, 10.0917, 76.7112
Hunter-Lab	32.6640, 49.9345, -2.2903

Details

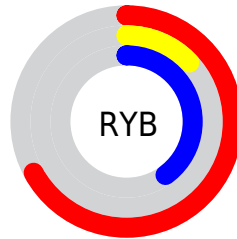
The YUV color **82.5300, 10.0917, 76.7112** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **121.4700, -10.0917, -76.7112**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2050, 6.3079, 76.9962**, and **40.1710, 7.8037, 63.8710** is the 20% darker color. If you saturate the color by 10%, you get **71.6390, 11.5170, 86.2626**, and if you desaturate by 10%, it is **93.4210, 8.6664, 67.1598**.

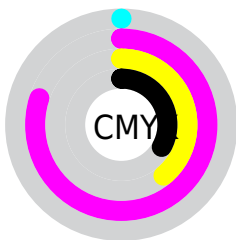
Distribution



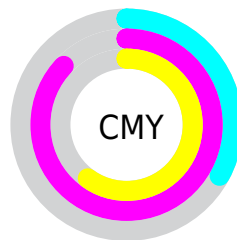
- Red (67%)
- Green (13%)
- Blue (40%)



- Red (67%)
- Yellow (13%)
- Blue (40%)



- Cyan (0%)
- Magenta (80%)
- Yellow (39%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.5300, 10.0917, 76.7112 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 82.5300, 10.0917, 76.7112 by changing the saturation by 10% instead.

82.5300, 10.0917,
76.7112

82.5300, 10.0917,
76.7112

255.0000, 0.0000,
0.0000

51.1650, 13.7227,
78.7853

141.2050, 6.3079,
76.9962

40.1710, 7.8037,
63.8710

168.4930, 6.1660,
75.8666

29.1060, 2.9057,
48.1420

188.0070, 9.8565,
58.7529

19.0090, -3.4554,
35.0721

207.7490, 14.4207,
41.4391

6.8770, -3.3904,
14.1399

226.8240, 13.8908,
24.7104

0.0000, 0.0000,
0.0000

243.8470, 5.4984,

9.7812

■ 82.5300, 10.0917,
76.7112

■ 82.5300, 10.0917,
76.7112

■ 71.6390, 11.5170,
86.2626

■ 93.4210, 8.6664,
67.1598

■ 60.6340, 12.5054,
95.9140

■ 104.4260, 7.6780,
57.5084

■ 115.3170, 6.2527,
47.9570

■ 126.3220, 5.2643,
38.3056

■ 137.2130, 3.8390,
28.7542

■ 148.1040, 2.4137,
19.2028

■ 159.1090, 1.4253,
9.5514

■ 170.0000, 0.0000,
0.0000

■ 180.8910, -1.4253,
-9.5514

Harmonies

Analogous

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



92.4790, 27.3719, 40.7989



82.5300, 10.0917, 76.7112



81.5910, -12.6164, 80.1657

Triad

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



82.5300, 10.0917, 76.7112



81.4130, -40.1366, -6.5012



83.8360, 41.9859, -73.5242

Complementary

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



82.5300, 10.0917, 76.7112



121.4700, -10.0917, -76.7112

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.



81.1510, 24.0826, -71.1694



82.5300, 10.0917, 76.7112



66.9300, -17.7135, -58.6976

Square

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



82.5300, 10.0917, 76.7112



86.6500, -42.7184, 28.3710



74.9780, 2.9688, -65.7557



80.6050, 52.4527, -70.6906

Rectangle

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



82.5300, 10.0917, 76.7112



84.7470, -29.4553, 67.7509



74.9780, 2.9688, -65.7557



83.1690, 36.8917, -72.9392

Sweetspot

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



82.5300, 10.0917, 76.7112



187.9250, 3.9810, 29.8838



69.2380, 49.6757, 26.9783



91.3920, 2.2717, 18.0732



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.



82.5300, 10.0917, 76.7112



84.9990, 15.7765, 120.1499



74.8920, -19.1738, 83.4097



78.8480, 0.5679, 4.5183



52.8020, 10.9436, 83.4886



7.1200, 1.4198, 11.2958

Inverse Universe

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



82.5300, 10.0917, 76.7112



84.9990, 15.7765, 120.1499



129.1080, 19.1738, -83.4097



78.8480, 0.5679, 4.5183



52.8020, 10.9436, 83.4886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 82.5300, 10.0917, 76.7112 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 82.5300, 10.0917, 76.7112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

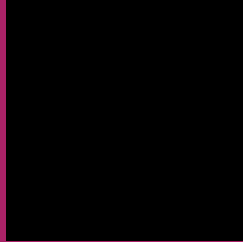
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.5300, 10.0917, 76.7112

Background



This preview shows how black text looks on a background with the YUV color 82.5300, 10.0917, 76.7112.



This preview shows how white text looks on a background with the YUV color 82.5300, 10.0917,

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

82.5300, 10.0917, 76.7112

Protanopia

92.9870, 23.1774, -14.0206

Deuteranopia

93.9730, 0.9993, 6.1627



Tritanopia

85.2110, -16.3730, 71.7290

Trichromacy



Original Color

82.5300, 10.0917, 76.7112

Protanomaly

89.3440, 18.5644, 18.9923

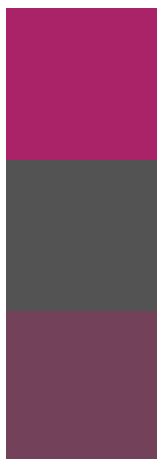
Deuteranomaly

90.0500, 4.4124, 31.5282

Tritanomaly

84.1540, -6.4849, 73.5329

Monochromacy



Original Color

82.5300, 10.0917, 76.7112

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8000, 3.5496, 28.2394

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.5300, 10.0917, 76.7112 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(170, 34, 103)` looks like.

```
.text, #text, p{  
    color:rgb(170, 34, 103)  
}
```

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(170, 34, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 34, 103) }
```

Border

The CSS property to change the border of an element to YUV 82.5300, 10.0917, 76.7112 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(170, 34, 103) }
```


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

```
.border{ border-color:rgb(170, 34, 103) }
```

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

Here you see how a box with a 4 pixel rgb(170, 34, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 34, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 34, 103);  
box-shadow:4px 4px 4px 4px rgb(170, 34,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 82.5300, 10.0917, 76.7112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 34, 103) }
```

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

```
.background{ background-color: rgb(170, 34,  
103) }
```

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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