

Converting Colors

YUV(76.1700, 5.8322, 42.8239)

Have a look what the booklet for
YUV(76.1700, 5.8322, 42.8239)
contains.

| | |
|--|----|
| YUV(76.1700, 5.8322, 42.8239) | 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> | 31 |

Color

**YUV(76.1700, 5.8322,
42.8239)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7D3158 |
| RGB | 125, 49, 88 |
| RGB Percent | 49%, 19%, 35% |
| CMY | 0.5098, 0.8078, 0.6549 |
| CMYK | 0.00, 0.61, 0.30, 0.51 |
| HSL | 329°, 44%, 34% |
| HSV | 329°, 61%, 49% |
| XYZ | 11.3172, 7.2612, 10.0376 |
| YIQ | 76.1700, 32.7770, 28.2410 |

Conversions

Conversions Part 2

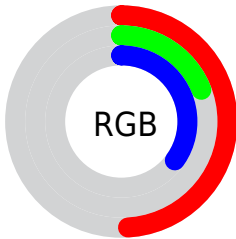
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 125, 49, 88 |
| Decimal | 8204632 |
| CIE _{Lab} | 32.39, 37.39, -6.91 |
| CIE _{LCh} | 32, 38.020, 349.529 |
| Yxy | 7.2612, 0.3955, 0.2537 |
| Android (android.graphics.Color) | 4286394712 (0xFF7D3158) |
| YUV | 76.1700, 5.8322, 42.8239 |
| Hunter-Lab | 26.9466, 27.8112, -3.2229 |

Details

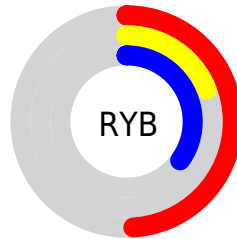
The YUV color **76.1700, 5.8322, 42.8239** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **97.8300, -5.8322, -42.8239**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.6650, 5.0952, 45.8978**, and **26.7290, 8.0216, 40.5797** is the 20% darker color. If you saturate the color by 10%, you get **68.4420, 6.6841, 49.6014**, and if you desaturate by 10%, it is **84.4850, 4.6909, 35.5317**.

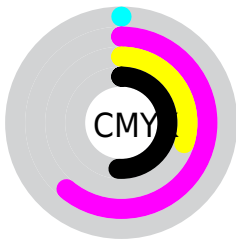
Distribution



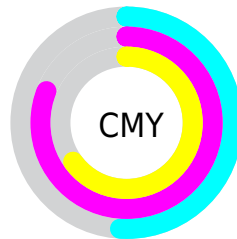
- Red (49%)
- Green (19%)
- Blue (35%)



- Red (49%)
- Yellow (19%)
- Blue (35%)



- Cyan (0%)
- Magenta (61%)
- Yellow (30%)
- Black (51%)



- Cyan (51%)
- Magenta (81%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1700, 5.8322, 42.8239 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 76.1700, 5.8322, 42.8239 by changing the saturation by 10% instead.

76.1700, 5.8322,
42.8239

76.1700, 5.8322,
42.8239

255.0000, 0.0000,
0.0000

50.5120, 7.1426,
42.5240

127.6650, 5.0952,
45.8978

26.7290, 8.0216,
40.5797

154.2630, 4.8003,
47.1273

17.1590, 2.3866,
27.9246

181.8610, 4.5055,
48.3569

3.5880, -1.7689,
7.3773

206.2840, 6.2690,
42.7239

0.0000, 0.0000,
0.0000

226.0260, 10.8332,
25.4102

243.8470, 5.4984,

9.7812

■ 76.1700, 5.8322,
42.8239

■ 76.1700, 5.8322,
42.8239

■ 68.4420, 6.6841,
49.6014

■ 84.4850, 4.6909,
35.5317

■ 60.1270, 7.8254,
56.8936

■ 92.2130, 3.8390,
28.7542

■ 52.3990, 8.6773,
63.6711

■ 100.5280, 2.6977,
21.4619

■ 44.6710, 9.5292,
70.4485

■ 108.2560, 1.8458,
14.6845

■ 116.5710, 0.7045,
7.3922

■ 124.4130, 0.2894,
0.5148

■ 132.7280, -0.8519,
-6.7775

■ 140.4560, -1.7038,
-13.5549

■ 148.7710, -2.8451,
-20.8472

Harmonies

Analogous

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



78.8280, 17.8328, 20.3218



76.1700, 5.8322, 42.8239



74.2450, -8.0088, 48.8971

Triad

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



76.1700, 5.8322, 42.8239



70.8560, -28.5230, 1.8803



65.4500, 27.3861, -57.3997

Complementary

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



76.1700, 5.8322, 42.8239



97.8300, -5.8322, -42.8239

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.



63.6600, 15.4506, -55.8298



76.1700, 5.8322, 42.8239



65.8230, -15.1957, -26.1548

Square

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



76.1700, 5.8322, 42.8239



72.8310, -30.4827, 23.8272



60.1260, 1.9099, -52.7305



64.1110, 34.9483, -56.2253

Rectangle

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



76.1700, 5.8322, 42.8239



74.2200, -16.8705, 44.5341



60.1260, 1.9099, -52.7305



65.2390, 24.0392, -57.2146

Sweetspot

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



76.1700, 5.8322, 42.8239



144.3810, 2.2772, 16.3289



68.7270, 27.7426, 15.1484



70.4080, 1.2779, 10.1662



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



76.1700, 5.8322, 42.8239



86.5350, 9.1032, 67.0598



71.8380, -10.7661, 46.6231



59.5490, 0.7153, 3.9035



45.6820, 9.5238, 72.1929



0.0000, 0.0000, 0.0000

Inverse Universe

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



76.1700, 5.8322, 42.8239



86.5350, 9.1032, 67.0598



102.1620, 10.7661, -46.6231



59.5490, 0.7153, 3.9035



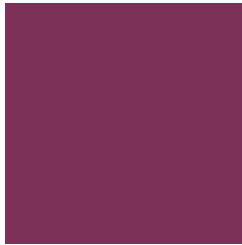
45.6820, 9.5238, 72.1929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 76.1700, 5.8322, 42.8239 looks on a white background.

Color Contrast Check

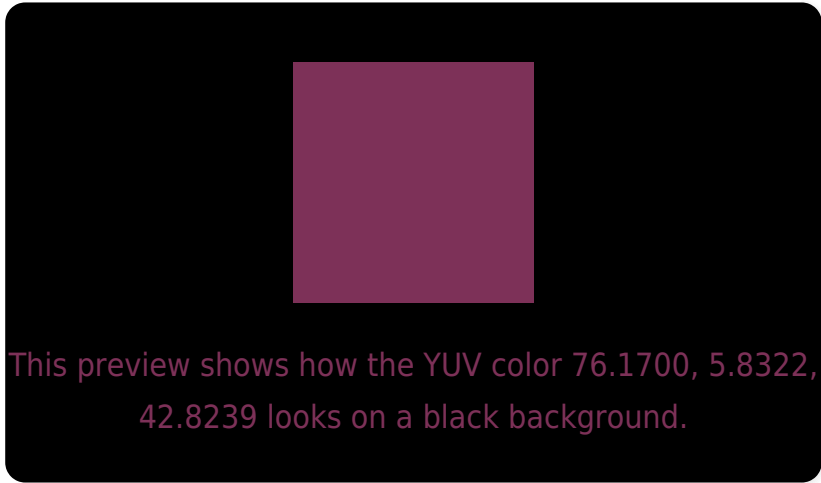
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 76.1700, 5.8322, 42.8239

Background



This preview shows how black text looks on a background with the YUV color 76.1700, 5.8322, 42.8239.



This preview shows how white text looks on a background with the YUV color 76.1700, 5.8322,

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

76.1700, 5.8322, 42.8239

Protanopia

77.1420, 14.7200, -8.0175

Deuteranopia

77.8200, 3.0467, 2.7889



Tritanopia

76.3750, -8.5659, 40.8901

Trichromacy



Original Color

76.1700, 5.8322, 42.8239

Protanomaly

76.7530, 11.4608, 10.7406

Deuteranomaly

77.4350, 3.7295, 17.1585

Tritanomaly

76.1670, -3.0403, 41.9495

Monochromacy



Original Color

76.1700, 5.8322, 42.8239

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9680, 1.9878, 15.8141

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1700, 5.8322, 42.8239 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(125, 49, 88)` looks like.

```
.text, #text, p{  
    color:rgb(125, 49, 88)  
}
```

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(125, 49, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 49, 88) }
```

Border

The CSS property to change the border of an element to YUV 76.1700, 5.8322, 42.8239 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(125, 49, 88) }
```


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

```
.border{ border-color:rgb(125, 49, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 49, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 49, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 49, 88);  
box-shadow:4px 4px 4px 4px rgb(125, 49,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 76.1700, 5.8322, 42.8239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 49, 88) }
```

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

```
.background{ background-color: rgb(125, 49,  
88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor