

Converting Colors

YUV(70.2850, 68.8795, 74.2951)

Have a look what the booklet for
YUV(70.2850, 68.8795, 74.2951)
contains.

YUV(70.2850, 68.8795, 74.2951)	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(70.2850, 68.8795,
74.2951)**

Conversions

Conversions Part 1

Format	Color
Hex	9B00D2
RGB	155, 0, 210
RGB Percent	61%, 0%, 82%
CMY	0.3922, 1.0000, 0.1765
CMYK	0.26, 1.00, 0.00, 0.18
HSL	284°, 100%, 41%
HSV	284°, 100%, 82%
XYZ	25.1504, 11.6217, 61.8904
YIQ	70.2850, 24.9700, 98.1700

Conversions

Conversions Part 2

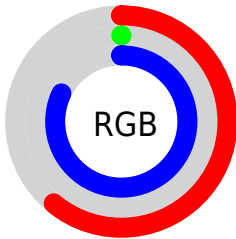
Format	Color
R_{YB}	155, 0, 210
Decimal	10158290
CIE Lab	40.61, 77.00, -68.07
CIE LCh	41, 102.774, 318.521
Yxy	11.6217, 0.2549, 0.1178
Android (android.graphics.Color)	4288348370 (0xFF9B00D2)
YUV	70.2850, 68.8795, 74.2951
Hunter-Lab	34.0906, 72.0302, -83.7756

Details

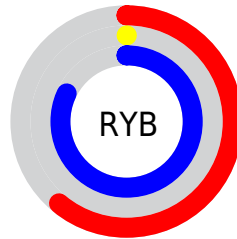
The YUV color **70.2850, 68.8795, 74.2951** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **139.7150, -68.8795, -74.2951**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6630, 55.3821, 63.4395**, and **46.2600, 53.1158, 43.6220** is the 20% darker color. If you saturate the color by 10%, you get **70.2850, 68.8795, 74.2951**, and if you desaturate by 10%, it is **84.4060, 61.9178, 67.1729**.

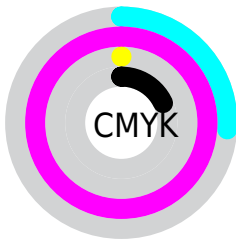
Distribution



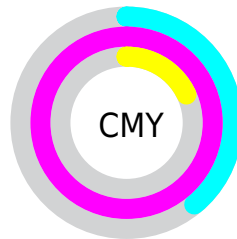
- Red (61%)
- Green (0%)
- Blue (82%)



- Red (61%)
- Yellow (0%)
- Blue (82%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)



- Cyan (39%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2850, 68.8795, 74.2951 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 70.2850, 68.8795, 74.2951 by changing the saturation by 10% instead.

70.2850, 68.8795,
74.2951

70.2850, 68.8795,
74.2951

255.0000, 0.0000,
0.0000

58.4220, 60.9240,
59.2659

142.6630, 55.3821,
63.4395

46.2600, 53.1158,
43.6220

168.6560, 42.5676,
66.9537

34.2120, 45.7445,
27.8781

188.6690, 32.7012,
58.1723

22.5770, 38.6625,
12.6490

205.6920, 24.3088,
43.2431

8.6640, 33.1966,
-7.5983

223.3020, 15.6271,
27.7991

8.2760, 21.5559,
-7.2581

240.3250, 7.2348,

4.5940, 12.5252,

12.8700

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 70.2850, 68.8795,
74.2951

■ 84.4060, 61.9178,
67.1729

■ 98.2280, 55.1036,
59.4360

■ 112.0500, 48.2894,
51.6992

■ 126.1710, 41.3277,
44.5770

■ 140.2920, 34.3660,
37.4549

■ 154.1140, 27.5518,
29.7180

■ 168.2350, 20.5901,
22.5959

■ 182.0570, 13.7759,
14.8590

■ 195.8790, 6.9617,
7.1221

Harmonies

Analogous

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



82.4870, 85.0489, -72.3411



70.2850, 68.8795, 74.2951



80.8280, 25.2278, 122.0538

Triad

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



70.2850, 68.8795, 74.2951



90.6030, -44.6673, 46.8292



90.8340, 28.1828, -79.6614

Complementary

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



70.2850, 68.8795, 74.2951



139.7150, -68.8795, -74.2951

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.



78.9270, -9.8240, -69.2190



70.2850, 68.8795, 74.2951



82.5430, -40.6937, -14.5082

Square

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



70.2850, 68.8795, 74.2951



59.5010, -29.3340, 122.3406



69.8530, -34.4375, -61.2611



99.4980, 61.3795, -87.2597

Rectangle

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



70.2850, 68.8795, 74.2951



77.8470, -0.4176, 134.3152



69.8530, -34.4375, -61.2611



86.9410, 15.8051, -76.2473

Sweetspot

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



70.2850, 68.8795, 74.2951



204.4080, 24.9419, 26.8292



56.8120, 75.5217, -49.8241



97.1110, 15.2283, 15.6887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



70.2850, 68.8795, 74.2951



85.2820, 83.6710, 90.0837



81.1440, 39.3690, 113.0067



97.6460, 3.6255, 3.8185



56.2280, 55.1036, 59.4360



13.6440, 13.4865, 14.3442

Inverse Universe

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



69.0600, -6.9316, 123.6044



83.8830, -8.3233, 150.0696



128.8560, -39.3690, -113.0067



97.6310, -0.3111, 6.4626



55.2480, -5.5453, 98.8835



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 70.2850, 68.8795, 74.2951 looks on a white background.

Color Contrast Check

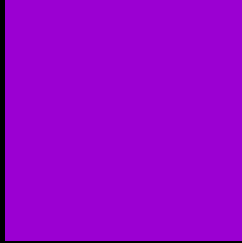
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.2850, 68.8795, 74.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

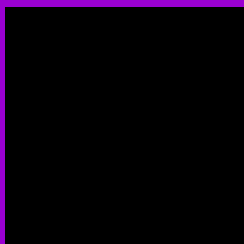
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.2850, 68.8795, 74.2951

Background



This preview shows how black text looks on a background with the YUV color 70.2850, 68.8795, 74.2951.



This preview shows how white text looks on a background with the YUV color 70.2850, 68.8795,

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

77.8640, 59.7200, -68.2867

Deuteranopia

78.4220, 46.6270, -68.7761

Tritanopia

98.8300, -5.3392, 32.5981

Trichromacy



Protanomaly

75.1060, 63.0517, -16.7560

Deuteranomaly

75.5160, 54.4686, -17.1155

Tritanomaly

88.3290, 21.5298, 47.9465

Monochromacy



Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.4080, 24.9419, 26.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2850, 68.8795, 74.2951 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(155, 0, 210)` looks like.

```
.text, #text, p{  
    color:rgb(155, 0, 210)  
}
```

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(155, 0, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 0, 210) }
```

Border

The CSS property to change the border of an element to YUV 70.2850, 68.8795, 74.2951 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(155, 0, 210) }
```

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

```
.border{ border-color:rgb(155, 0, 210) }
```

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

Here you see how a box with a 4 pixel rgb(155, 0, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 0, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 0, 210);  
box-shadow:4px 4px 4px 4px rgb(155, 0,  
210) }
```


Background

The CSS property to change the background color of an element to YUV 70.2850, 68.8795, 74.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 0, 210) }
```

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

```
.background{ background-color: rgb(155, 0,  
210) }
```

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