

Converting Colors

YUV(72.0970, 30.0252, 29.7329)

Have a look what the booklet for
YUV(72.0970, 30.0252, 29.7329)
contains.

YUV(72.0970, 30.0252, 29.7329)	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(72.0970, 30.0252,
29.7329)**

Conversions

Conversions Part 1

Format	Color
Hex	6A2B85
RGB	106, 43, 133
RGB Percent	42%, 17%, 52%
CMY	0.5843, 0.8314, 0.4784
CMYK	0.20, 0.68, 0.00, 0.48
HSL	282°, 51%, 35%
HSV	282°, 68%, 52%
XYZ	11.0414, 6.4854, 22.8602
YIQ	72.0970, 8.6580, 41.3460

Conversions

Conversions Part 2

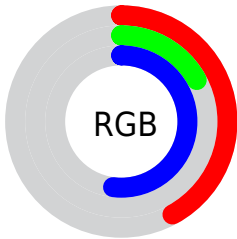
Format	Color
RYB	106, 43, 133
Decimal	6957957
CIELab	30.61, 43.08, -38.52
CIElCh	31, 57.788, 318.203
Yxy	6.4854, 0.2734, 0.1606
Android (android.graphics.Color)	4285148037 (0xFF6A2B85)
YUV	72.0970, 30.0252, 29.7329
Hunter-Lab	25.4664, 32.8253, -35.3957

Details

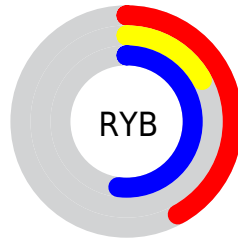
The YUV color **72.0970, 30.0252, 29.7329** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **103.9030, -30.0252, -29.7329**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7490, 31.1827, 31.7921**, and **25.6080, 28.2943, 24.8998** is the 20% darker color. If you saturate the color by 10%, you get **63.2700, 34.3769, 33.9662**, and if you desaturate by 10%, it is **80.9240, 25.6735, 25.4997**.

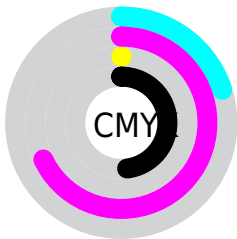
Distribution



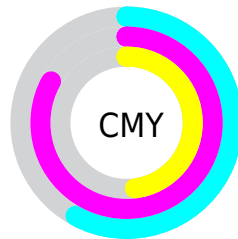
- Red (42%)
- Green (17%)
- Blue (52%)



- Red (42%)
- Yellow (17%)
- Blue (52%)



- Cyan (20%)
- Magenta (68%)
- Yellow (0%)
- Black (48%)



- Cyan (58%)
- Magenta (83%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0970, 30.0252, 29.7329 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 72.0970, 30.0252, 29.7329 by changing the saturation by 10% instead.

72.0970, 30.0252,
29.7329

72.0970, 30.0252,
29.7329

255.0000, 0.0000,
0.0000

45.5100, 30.3146,
30.2477

123.7490, 31.1827,
31.7921

25.6080, 28.2943,
24.8998

150.5750, 31.7615,
32.8217

16.5930, 20.9067,
14.3889

177.9880, 32.0509,
33.3365

4.1040, 15.7247,
-3.5992

203.8760, 25.2041,
36.0657

1.3680, 5.2416,
-1.1997

223.3020, 15.6271,
27.7991

0.0000, 0.0000,
0.0000

239.7380, 7.5242,

13.3848

■ 72.0970, 30.0252,
29.7329

■ 72.0970, 30.0252,
29.7329

■ 63.2700, 34.3769,
33.9662

■ 80.9240, 25.6735,
25.4997

■ 53.8560, 39.0180,
38.7143

■ 90.3380, 21.0324,
20.7516

■ 45.0290, 43.3697,
42.9476

■ 99.1650, 16.6807,
16.5183

■ 42.9690, 44.3853,
43.8772

■ 107.9920, 12.3289,
12.2850

■ 117.4060, 7.6878,
7.5369

■ 126.2330, 3.3361,
3.3037

■ 135.0600, -1.0156,
-0.9296

■ 143.8870, -5.3673,
-5.1629

■ 153.3010,
-10.0084, -9.9110

Harmonies

Analogous

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



58.0420, 49.7723, -50.9028



72.0970, 30.0252, 29.7329



53.2340, 19.1116, 76.9708

Triad

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



72.0970, 30.0252, 29.7329



68.6640, -33.8514, 30.9897



64.7030, 16.9084, -56.7445

Complementary

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



72.0970, 30.0252, 29.7329



103.9030, -30.0252, -29.7329

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.



58.7580, -3.3317, -51.5308



72.0970, 30.0252, 29.7329



64.9220, -32.0065, -0.8086

Square

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



72.0970, 30.0252, 29.7329



63.2470, -31.1808, 61.1734



50.4820, -24.8876, -44.2727



68.0890, 34.9591, -59.7141

Rectangle

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



72.0970, 30.0252, 29.7329



51.6190, 5.1178, 85.4031



50.4820, -24.8876, -44.2727



62.9930, 10.3565, -55.2449

Sweetspot

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



72.0970, 30.0252, 29.7329



150.0520, 11.3134, 11.3554



69.1090, 31.4983, -22.8976



72.5800, 7.1091, 6.5073



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



72.0970, 30.0252, 29.7329



78.2620, 46.7058, 46.2512



78.1180, 18.1828, 48.1315



61.8800, 2.0312, 1.8592



42.0290, 43.3697, 42.9476



0.9400, 1.0156, 0.9296

Inverse Universe

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



72.9880, -1.4731, 52.6305



79.6480, -2.2915, 81.8697



97.8820, -18.1828, -48.1315



62.0220, -0.0108, 3.4887



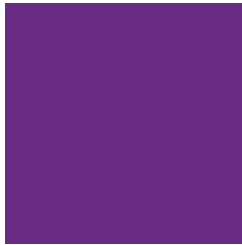
43.3160, -2.1278, 76.0219



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 72.0970, 30.0252, 29.7329 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



This preview shows how the YUV color 72.0970, 30.0252, 29.7329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

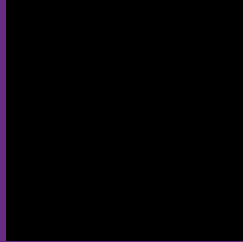
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.0970, 30.0252, 29.7329

Background



This preview shows how black text looks on a background with the YUV color 72.0970, 30.0252, 29.7329.



This preview shows how white text looks on a background with the YUV color 72.0970, 30.0252,

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

72.0970, 30.0252, 29.7329

Protanopia

58.0760, 44.8255, -50.9327

Deuteranopia

65.9890, 30.0784, -34.1934



Tritanopia

74.0240, -2.9698, 19.2730

Trichromacy



Original Color

72.0970, 30.0252, 29.7329

Protanomaly

63.1830, 39.3498, -21.2085

Deuteranomaly

68.4310, 29.8605, -10.9020

Tritanomaly

73.2600, 9.2388, 23.4510

Monochromacy



Original Color

72.0970, 30.0252, 29.7329

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.6390, 11.0240, 10.8406

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0970, 30.0252, 29.7329 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(106, 43, 133)` looks like.

```
.text, #text, p{  
    color:rgb(106, 43, 133)  
}
```

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(106, 43, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 43, 133) }
```

Border

The CSS property to change the border of an element to YUV 72.0970, 30.0252, 29.7329 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(106, 43, 133) }
```


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

```
.border{ border-color:rgb(106, 43, 133) }
```

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

Here you see how a box with a 4 pixel rgb(106, 43, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 43, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 43, 133);  
box-shadow:4px 4px 4px 4px rgb(106, 43,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 72.0970, 30.0252, 29.7329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 43, 133) }
```

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

```
.background{ background-color: rgb(106, 43,  
133) }
```

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