

Converting Colors

YUV(72.6030, 49.4957, 38.0592)

Have a look what the booklet for
YUV(72.6030, 49.4957, 38.0592)
contains.

YUV(72.6030, 49.4957, 38.0592)	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(72.6030, 49.4957,
38.0592)**

Conversions

Conversions Part 1

Format	Color
Hex	741FAD
RGB	116, 31, 173
RGB Percent	45%, 12%, 68%
CMY	0.5451, 0.8784, 0.3216
CMYK	0.33, 0.82, 0.00, 0.32
HSL	276°, 70%, 40%
HSV	276°, 82%, 68%
XYZ	15.2353, 7.7101, 40.2204
YIQ	72.6030, 5.0780, 62.1820

Conversions

Conversions Part 2

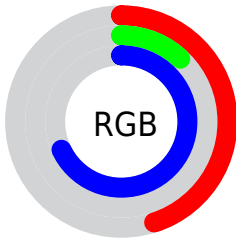
Format	Color
R_{YB}	116, 31, 173
Decimal	7610285
CIE _{Lab}	33.37, 58.80, -58.38
CIE _{LCh}	33, 82.857, 315.205
Yxy	7.7101, 0.2412, 0.1221
Android (android.graphics.Color)	4285800365 (0xFF741FAD)
YUV	72.6030, 49.4957, 38.0592
Hunter-Lab	27.7671, 49.3472, -66.4441

Details

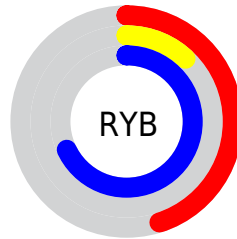
The YUV color **72.6030, 49.4957, 38.0592** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **131.3970, -49.4957, -38.0592**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.9020, 49.3483, 38.6739**, and **31.2070, 43.2819, 24.3745** is the 20% darker color. If you saturate the color by 10%, you get **60.5310, 55.4472, 42.5073**, and if you desaturate by 10%, it is **84.6750, 43.5442, 33.6110**.

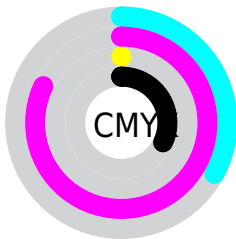
Distribution



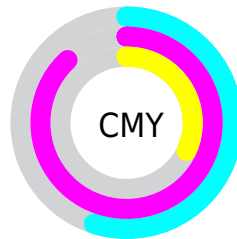
- Red (45%)
- Green (12%)
- Blue (68%)



- Red (45%)
- Yellow (12%)
- Blue (68%)



- Cyan (33%)
- Magenta (82%)
- Yellow (0%)
- Black (32%)



- Cyan (55%)
- Magenta (88%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6030, 49.4957, 38.0592 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 72.6030, 49.4957, 38.0592 by changing the saturation by 10% instead.

72.6030, 49.4957,
38.0592

72.6030, 49.4957,
38.0592

255.0000, 0.0000,
0.0000

42.9560, 50.8007,
39.5036

128.9020, 49.3483,
38.6739

31.2070, 43.2819,
24.3745

156.3860, 48.6167,
40.0035

19.6860, 36.6368,
9.0454

181.2050, 36.3809,
44.5472

7.8660, 30.1391,
-6.8985

204.5180, 24.8876,
44.2727

7.5920, 18.9351,
-6.6582

220.9540, 16.7847,
29.8583

3.3230, 10.1938,
-2.9143

237.9770, 8.3923,

0.0000, 0.0000,

14.9292

0.0000

■ 72.6030, 49.4957,
38.0592

■ 72.6030, 49.4957,
38.0592

■ 60.5310, 55.4472,
42.5073

■ 84.6750, 43.5442,
33.6110

■ 50.8180, 60.2357,
46.6406

■ 97.3340, 37.3033,
28.6481

■ 109.4060, 31.3518,
24.1999

■ 121.4780, 25.4003,
19.7518

■ 134.1370, 19.1595,
14.7889

■ 146.2090, 13.2080,
10.3407

■ 158.2810, 7.2565,
5.8926

■ 170.3530, 1.3050,
1.4444

■ 182.7130, -4.7885,
-4.1333

Harmonies

Analogous

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



69.0250, 69.0077, -60.5349



72.6030, 49.4957, 38.0592



64.7230, 24.2936, 94.9589

Triad

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



72.6030, 49.4957, 38.0592



73.7580, -36.3627, 43.1852



72.6420, 19.4035, -63.7070

Complementary

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



72.6030, 49.4957, 38.0592



131.3970, -49.4957, -38.0592

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.



64.0750, -10.8830, -56.1938



72.6030, 49.4957, 38.0592



69.9170, -34.4691, -4.3122

Square

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



72.6030, 49.4957, 38.0592



49.0360, -24.1747, 100.8234



56.3520, -27.7815, -49.4207



80.0690, 45.3220, -70.2205

Rectangle

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



72.6030, 49.4957, 38.0592



63.4090, 3.7424, 106.6353



56.3520, -27.7815, -49.4207



70.0200, 9.3571, -61.4075

Sweetspot

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



72.6030, 49.4957, 38.0592



184.5500, 19.4488, 15.3036



81.8210, 44.9512, -44.5700



88.7420, 11.4662, 8.9963



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.



72.6030, 49.4957, 38.0592



68.5480, 76.6378, 59.1554



88.2780, 35.8519, 74.3012



80.5210, 3.1941, 2.1741



44.0100, 52.2531, 40.3332



6.8080, 7.9827, 6.3074

Inverse Universe

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



79.9560, 3.9657, 81.5996



79.9260, 6.4455, 126.3529



115.7220, -35.8519, -74.3012



81.1470, 0.4205, 5.1331



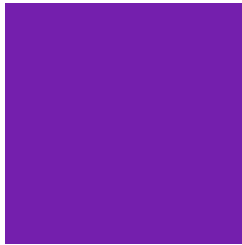
51.6900, 4.0968, 86.2179



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 72.6030, 49.4957, 38.0592 looks on a white background.

Color Contrast Check

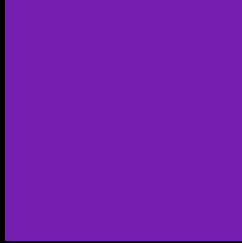
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.6030, 49.4957, 38.0592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

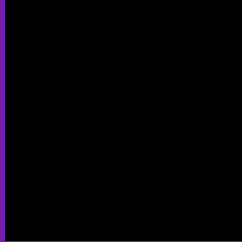
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.6030, 49.4957, 38.0592

Background



This preview shows how black text looks on a background with the YUV color 72.6030, 49.4957, 38.0592.



This preview shows how white text looks on a background with the YUV color 72.6030, 49.4957,

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

72.6030, 49.4957, 38.0592

Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

63.5070, 37.7110, -55.6956



Tritanopia

80.7570, -1.3592, 15.9991

Trichromacy



Original Color

72.6030, 49.4957, 38.0592



Protanomaly

66.7020, 48.9539, -21.6637



Deuteranomaly

66.8670, 41.9706, -21.8084



Tritanomaly

77.7360, 17.3852, 23.9105

Monochromacy



Original Color

72.6030, 49.4957, 38.0592



Achromatopsia

73.0000, 0.0000, 0.0000



Achromatomaly

73.0830, 17.7071, 13.9592

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6030, 49.4957, 38.0592 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(116, 31, 173)` looks like.

```
.text, #text, p{  
    color:rgb(116, 31, 173)  
}
```

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(116, 31, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 31, 173) }
```

Border

The CSS property to change the border of an element to YUV 72.6030, 49.4957, 38.0592 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(116, 31, 173) }
```


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

```
.border{ border-color:rgb(116, 31, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 31, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 31, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 31, 173); box-shadow:4px 4px 4px 4px rgb(116, 31, 173) }
```

Background

The CSS property to change the background color of an element to YUV 72.6030, 49.4957, 38.0592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 31, 173) }
```

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

```
.background{ background-color: rgb(116, 31,  
173) }
```

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