

Converting Colors

YUV(72.6030, 69.7087, 41.5672)

Have a look what the booklet for
YUV(72.6030, 69.7087, 41.5672)
contains.

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Color

**YUV(72.6030, 69.7087,
41.5672)**

Conversions

Conversions Part 1

Format	Color
Hex	7815D6
RGB	120, 21, 214
RGB Percent	47%, 8%, 84%
CMY	0.5294, 0.9176, 0.1608
CMYK	0.44, 0.90, 0.00, 0.16
HSL	271°, 82%, 46%
HSV	271°, 90%, 84%
XYZ	20.1515, 9.3844, 64.3676
YIQ	72.6030, -2.9490, 81.0110

Conversions

Conversions Part 2

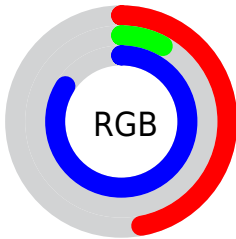
Format	Color
R _Y B	120, 21, 214
Decimal	7869910
CIE Lab	36.71, 70.93, -76.97
CIE LCh	37, 104.665, 312.661
Yxy	9.3844, 0.2146, 0.0999
Android (android.graphics.Color)	4286059990 (0xFF7815D6)
YUV	72.6030, 69.7087, 41.5672
Hunter-Lab	30.6340, 63.8102, -103.1351

Details

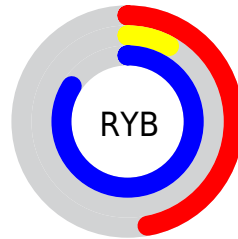
The YUV color **72.6030, 69.7087, 41.5672** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **162.3970, -69.7087, -41.5672**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7850, 60.2520, 41.4076**, and **34.7560, 60.7593, 18.6310** is the 20% darker color. If you saturate the color by 10%, you get **57.2860, 77.2600, 46.2302**, and if you desaturate by 10%, it is **87.9200, 62.1574, 36.9042**.

Distribution



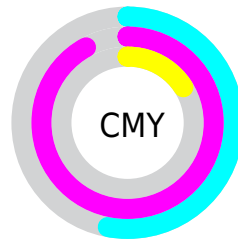
- Red (47%)
- Green (8%)
- Blue (84%)



- Red (47%)
- Yellow (8%)
- Blue (84%)



- Cyan (44%)
- Magenta (90%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (92%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6030, 69.7087, 41.5672 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, 69.7087, 41.5672 by changing the saturation by 10% instead.

72.6030, 69.7087,
41.5672

72.6030, 69.7087,
41.5672

255.0000, 0.0000,
0.0000

47.8150, 68.1252,
36.1192

132.7850, 60.2520,
41.4076

34.7560, 60.7593,
18.6310

158.4900, 47.5794,
46.0513

15.8310, 56.7783,
-11.2528

183.8960, 35.0543,
50.0802

11.9700, 45.8638,
-10.4977

204.5180, 24.8876,
44.2727

9.0060, 34.5070,
-7.8983

221.5410, 16.4953,
29.3435

9.2050, 22.5769,
-8.0728

238.5640, 8.1029,

4.9360, 13.8356,

14.4144

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 72.6030, 69.7087,
41.5672

■ 72.6030, 69.7087,
41.5672

■ 57.2860, 77.2600,
46.2302

■ 87.9200, 62.1574,
36.9042

■ 104.1230, 54.1694,
32.3411

■ 119.4400, 46.6181,
27.6781

■ 135.6430, 38.6300,
23.1151

■ 150.9600, 31.0787,
18.4521

■ 166.5760, 23.3800,
14.4038

■ 182.4800, 15.5394,
9.2260

■ 197.7970, 7.9881,
4.5630

■ 214.0000, 0.0000,
0.0000

Harmonies

Analogous

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



81.9000, 85.3383, -71.8263



72.6030, 69.7087, 41.5672



76.5430, 30.7913, 110.9028

Triad

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



72.6030, 69.7087, 41.5672



79.4500, -39.1688, 56.6104



81.4130, 20.0094, -71.3992

Complementary

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



72.6030, 69.7087, 41.5672



162.3970, -69.7087, -41.5672

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.



69.0500, -19.7447, -60.5568



72.6030, 69.7087, 41.5672



77.5920, -38.2529, -4.0272

Square

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



72.6030, 69.7087, 41.5672



58.6040, -28.8918, 120.4963



62.8090, -30.9648, -55.0835



91.1200, 54.6638, -79.9122

Rectangle

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



72.6030, 69.7087, 41.5672



75.3560, 4.2615, 126.8528



62.8090, -30.9648, -55.0835



77.4060, 7.1948, -67.8851

Sweetspot

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



72.6030, 69.7087, 41.5672



204.3310, 24.9798, 14.6187



99.9410, 56.2311, -69.2313



97.9530, 14.8132, 8.8112



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.



72.6030, 69.7087, 41.5672



68.2390, 92.0732, 55.0414



100.7090, 55.8525, 99.3562



99.0480, 3.9203, 2.5889



45.8060, 61.7206, 37.0041



11.4800, 15.5394, 9.2260

Inverse Universe

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



89.4230, 12.6095, 109.2540



90.3810, 16.5742, 144.3709



134.2910, -55.8525, -99.3562



99.9730, 0.9993, 6.1627



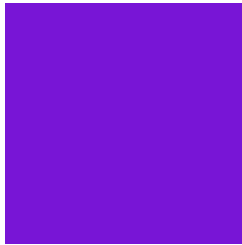
60.5910, 11.0476, 96.8287



15.2510, 2.8343, 24.3359

Previews

White Background



This preview shows how the YUV color 72.6030, 69.7087, 41.5672 looks on a white background.

Color Contrast Check

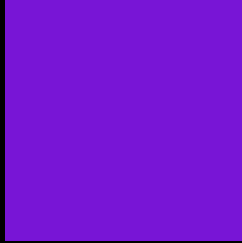
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.7087, 41.5672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

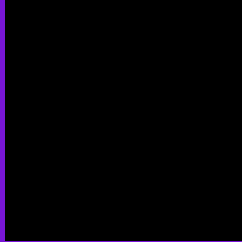
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.6030, 69.7087, 41.5672

Background



This preview shows how black text looks on a background with the YUV color 72.6030, 69.7087, 41.5672.



This preview shows how white text looks on a background with the YUV color 72.6030, 69.7087,

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, 69.7087, 41.5672

Protanopia

69.4860, 53.0044, -60.9392

Tritanopia

87.5920, 2.1731, 2.9888

Trichromacy



Original Color

72.6030, 69.7087, 41.5672

Protanomaly

70.6230, 58.8529, -23.3484

Tritanomaly

82.3960, 26.4268, 17.1927

Monochromacy



Original Color

72.6030, 69.7087, 41.5672

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.7440, 25.2692, 15.1335

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6030, 69.7087, 41.5672 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(120, 21, 214)` looks like.

```
.text, #text, p{  
    color:rgb(120, 21, 214)  
}
```

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(120, 21, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 21, 214) }
```

Border

The CSS property to change the border of an element to YUV 72.6030, 69.7087, 41.5672 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(120, 21, 214) }
```

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

```
.border{ border-color:rgb(120, 21, 214) }
```

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

Here you see how a box with a 4 pixel rgb(120, 21, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 21, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 21, 214);  
box-shadow:4px 4px 4px 4px rgb(120, 21,  
214) }
```


Background

The CSS property to change the background color of an element to YUV 72.6030, 69.7087, 41.5672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 21, 214) }
```

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

```
.background{ background-color: rgb(120, 21,  
214) }
```

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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