

Converting Colors

YUV(89.7300, 77.0411, 23.0388)

Have a look what the booklet for
YUV(89.7300, 77.0411, 23.0388)
contains.

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Color

**YUV(89.7300, 77.0411,
23.0388)**

Conversions

Conversions Part 1

Format	Color
Hex	742EF6
RGB	116, 46, 246
RGB Percent	45%, 18%, 96%
CMY	0.5451, 0.8196, 0.0353
CMYK	0.53, 0.81, 0.00, 0.04
HSL	261°, 92%, 57%
HSV	261°, 81%, 96%
XYZ	24.8140, 12.3208, 88.2591
YIQ	89.7300, -22.4800, 77.0400

Conversions

Conversions Part 2

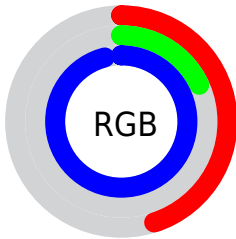
Format	Color
R _Y B	116, 46, 246
Decimal	7614198
CIE Lab	41.72, 70.76, -86.96
CIE LCh	42, 112.113, 309.137
Yxy	12.3208, 0.1979, 0.0983
Android (android.graphics.Color)	4285804278 (0xFF742EF6)
YUV	89.7300, 77.0411, 23.0388
Hunter-Lab	35.1010, 64.7604, -124.5099

Details

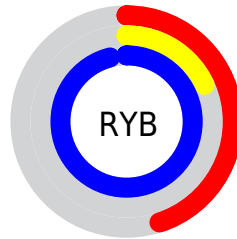
The YUV color **89.7300, 77.0411, 23.0388** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **202.2700, -77.0411, -23.0388**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.4650, 55.4798, 32.0412**, and **33.6910, 76.0743, 6.4100** is the 20% darker color. If you saturate the color by 10%, you get **70.2710, 86.6344, 26.0723**, and if you desaturate by 10%, it is **109.1890, 67.4478, 20.0052**.

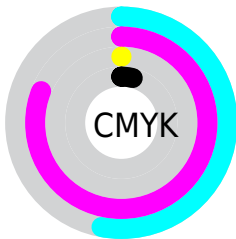
Distribution



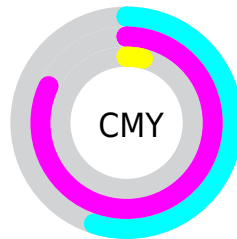
- Red (45%)
- Green (18%)
- Blue (96%)



- Red (45%)
- Yellow (18%)
- Blue (96%)



- Cyan (53%)
- Magenta (81%)
- Yellow (0%)
- Black (4%)



- Cyan (55%)
- Magenta (82%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7300, 77.0411, 23.0388 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 89.7300, 77.0411, 23.0388 by changing the saturation by 10% instead.

89.7300, 77.0411,
23.0388

89.7300, 77.0411,
23.0388

255.0000, 0.0000,
0.0000

53.9520, 80.3827,
24.5981

142.4650, 55.4798,
32.0412

33.6910, 76.0743,
6.4100

167.5830, 43.0966,
37.1997

18.2400, 69.8877,
-15.9965

193.5870, 30.2766,
42.4582

15.1620, 58.0941,
-13.2971

213.9100, 20.2574,
36.0359

12.0840, 46.3006,
-10.5977

230.9330, 11.8650,
21.1068

15.6910, 32.1973,
-13.7610

248.5430, 3.1833,

9.4330, 23.4505,

5.6628

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 89.7300, 77.0411,
23.0388

■ 89.7300, 77.0411,
23.0388

■ 70.2710, 86.6344,
26.0723

■ 109.1890, 67.4478,
20.0052

■ 53.7580, 94.7753,
28.2762

■ 128.0610, 58.1439,
17.4865

■ 147.5200, 48.5506,
14.4530

■ 166.3920, 39.2467,
11.9342

■ 185.8510, 29.6535,
8.9007

■ 205.3100, 20.0602,
5.8671

■ 224.1820, 10.7563,
3.3484

■ 243.6410, 1.1630,
0.3148

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



91.2920, 80.7080, -80.0631



89.7300, 77.0411, 23.0388



84.7040, 40.0789, 118.6546

Triad

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



89.7300, 77.0411, 23.0388



89.5720, -44.1590, 70.5354



90.0870, 17.7051, -79.0063

Complementary

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



89.7300, 77.0411, 23.0388



202.2700, -77.0411, -23.0388

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.



76.1280, -28.1641, -66.7643



89.7300, 77.0411, 23.0388



90.0400, -44.3897, 4.3499

Square

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



89.7300, 77.0411, 23.0388



66.9760, -33.0192, 137.7100



71.0270, -35.0163, -62.2907



101.5210, 56.4381, -89.0339

Rectangle

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



89.7300, 77.0411, 23.0388



84.7410, 10.4807, 138.7931



71.0270, -35.0163, -62.2907



85.7380, 3.5802, -75.1922

Sweetspot

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



89.7300, 77.0411, 23.0388



207.2330, 23.5491, 6.8117



145.1100, 49.7388, -86.9195



98.8060, 14.3926, 3.6781



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.



89.7300, 77.0411, 23.0388



59.8120, 96.2277, 29.1059



119.6300, 62.3004, 84.5165



112.5640, 4.6519, 1.2594



40.6390, 71.6630, 21.3646



13.0050, 22.6755, 7.0116

Inverse Universe

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



120.6200, 27.3023, 109.9583



98.3320, 34.3463, 137.3978



172.3700, -62.3004, -84.5165



114.5000, 1.7255, 6.5775



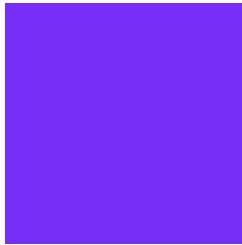
69.4080, 25.4349, 102.2512



21.9730, 7.9013, 32.4727

Previews

White Background



This preview shows how the YUV color 89.7300, 77.0411, 23.0388 looks on a white background.

Color Contrast Check

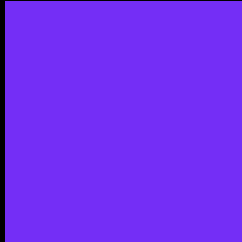
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.7300, 77.0411, 23.0388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

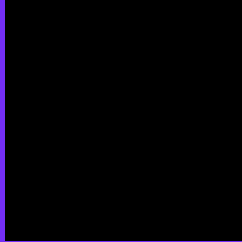
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7300, 77.0411, 23.0388

Background



This preview shows how black text looks on a background with the YUV color 89.7300, 77.0411, 23.0388.



This preview shows how white text looks on a background with the YUV color 89.7300, 77.0411,

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

89.7300, 77.0411, 23.0388

Protanopia

78.4510, 59.4307, -68.8015

Deuteranopia

78.7810, 45.4640, -69.0909



Tritanopia

94.9420, 7.9166, -19.2431

Trichromacy



Original Color

89.7300, 77.0411, 23.0388

Protanomaly

82.3810, 65.8742, -35.4141

Deuteranomaly

82.6770, 56.8542, -35.6737

Tritanomaly

92.9850, 33.0384, -3.4948

Monochromacy



Original Color

89.7300, 77.0411, 23.0388

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7970, 28.2011, 8.0710

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7300, 77.0411, 23.0388 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, 46, 246)` looks like.

```
.text, #text, p{  
    color:rgb(116, 46, 246)  
}
```

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, 46, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 46, 246) }
```

Border

The CSS property to change the border of an element to YUV 89.7300, 77.0411, 23.0388 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, 46, 246) }
```


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

```
.border{ border-color:rgb(116, 46, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 46, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 46, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 46, 246);  
box-shadow:4px 4px 4px 4px rgb(116, 46,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 89.7300, 77.0411, 23.0388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 46, 246) }
```

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

```
.background{ background-color: rgb(116, 46,  
246) }
```

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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