

Converting Colors

YUV(76.8830, 71.5427, 13.2576)

Have a look what the booklet for
YUV(76.8830, 71.5427, 13.2576)
contains.

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Color

**YUV(76.8830, 71.5427,
13.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	5C29DE
RGB	92, 41, 222
RGB Percent	36%, 16%, 87%
CMY	0.6392, 0.8392, 0.1294
CMYK	0.59, 0.82, 0.00, 0.13
HSL	257°, 73%, 52%
HSV	257°, 82%, 87%
XYZ	18.3914, 9.1351, 69.9012
YIQ	76.8830, -27.7050, 67.1030

Conversions

Conversions Part 2

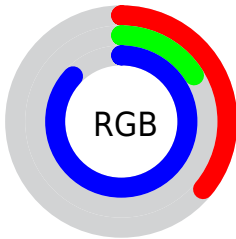
Format	Color
R_{YB}	92, 41, 222
Decimal	6040030
CIE _{Lab}	36.24, 64.01, -82.46
CIE _{LCh}	36, 104.388, 307.822
Yxy	9.1351, 0.1888, 0.0938
Android (android.graphics.Color)	4284230110 (0xFF5C29DE)
YUV	76.8830, 71.5427, 13.2576
Hunter-Lab	30.2244, 55.7239, -115.9655

Details

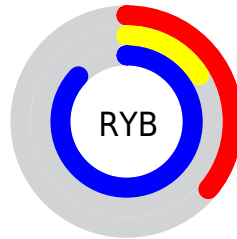
The YUV color **76.8830, 71.5427, 13.2576** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **186.1170, -71.5427, -13.2576**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4790, 60.8959, 21.5049**, and **18.8100, 72.0717, -16.4964** is the 20% darker color. If you saturate the color by 10%, you get **59.1850, 80.2678, 14.7468**, and if you desaturate by 10%, it is **94.5810, 62.8176, 11.7685**.

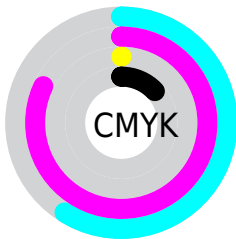
Distribution



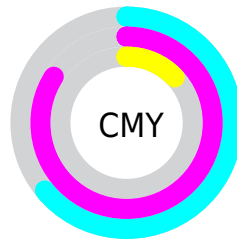
- Red (36%)
- Green (16%)
- Blue (87%)



- Red (36%)
- Yellow (16%)
- Blue (87%)



- Cyan (59%)
- Magenta (82%)
- Yellow (0%)
- Black (13%)



- Cyan (64%)
- Magenta (84%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8830, 71.5427, 13.2576 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 76.8830, 71.5427, 13.2576 by changing the saturation by 10% instead.

■ 76.8830, 71.5427,
13.2576

■ 76.8830, 71.5427,
13.2576

■ 255.0000, 0.0000,
0.0000

■ 42.2680, 74.3109,
12.0430

■ 131.4790, 60.8959,
21.5049

■ 18.8100, 72.0717,
-16.4964

■ 155.7110, 48.9495,
26.5635

■ 15.7320, 60.2781,
-13.7970

■ 180.8290, 36.5663,
31.7220

■ 12.6540, 48.4846,
-11.0976

■ 206.5340, 23.8937,
36.3657

■ 14.5000, 35.2495,
-12.7165

■ 225.0630, 14.7589,
26.2547

■ 10.5900, 25.3451,
-9.2874

■ 242.0860, 6.3666,

■ 6.2070, 16.1669,

11.3256

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 76.8830, 71.5427,
13.2576

■ 76.8830, 71.5427,
13.2576

■ 59.1850, 80.2678,
14.7468

■ 94.5810, 62.8176,
11.7685

■ 44.1450, 87.6825,
16.5358

■ 112.2790, 54.0925,
10.2793

■ 130.5640, 45.0779,
8.2754

■ 148.2620, 36.3528,
6.7862

■ 165.9600, 27.6277,
5.2971

■ 183.6580, 18.9026,
3.8079

■ 201.3560, 10.1775,
2.3188

■ 219.6410, 1.1630,
0.3148

■ 237.3390, -7.5621,
-1.1743

Harmonies

Analogous

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



84.2480, 84.1807, -73.8855



76.8830, 71.5427, 13.2576



74.9210, 37.5069, 103.5553

Triad

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



76.8830, 71.5427, 13.2576



75.9720, -37.4542, 66.6766



78.4150, 13.5994, -68.7700

Complementary

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



76.8830, 71.5427, 13.2576



186.1170, -71.5427, -13.2576

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.



64.9120, -30.5226, -56.9278



76.8830, 71.5427, 13.2576



78.2450, -38.5748, 5.9241

Square

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



76.8830, 71.5427, 13.2576



59.8000, -29.4814, 122.9554



61.6350, -30.3861, -54.0539



89.0510, 49.2749, -78.0977

Rectangle

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



76.8830, 71.5427, 13.2576



75.5280, 10.0927, 123.1939



61.6350, -30.3861, -54.0539



74.5220, 1.2217, -65.3558

Sweetspot

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



76.8830, 71.5427, 13.2576



206.0370, 24.1388, 4.3526



139.7050, 40.5714, -86.5643



98.2080, 14.6875, 2.4486



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.



76.8830, 71.5427, 13.2576



54.7290, 98.7336, 18.6547



103.1950, 58.5709, 67.3580



103.1510, 4.3626, 0.7446



35.0140, 69.5061, 13.1427



9.6580, 18.9026, 3.8079

Inverse Universe

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



109.9390, 30.1031, 98.2775



100.2700, 41.7719, 135.6982



159.8050, -58.5709, -67.3580



105.2010, 1.8729, 5.9627



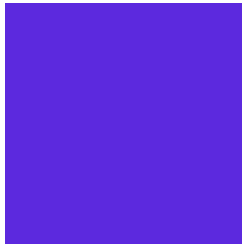
66.9880, 29.0929, 95.6035



18.3420, 8.2124, 26.0101

Previews

White Background



This preview shows how the YUV color 76.8830, 71.5427, 13.2576 looks on a white background.

Color Contrast Check

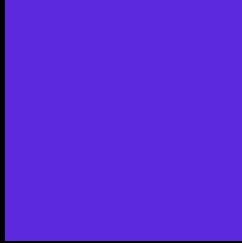
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.8830, 71.5427, 13.2576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

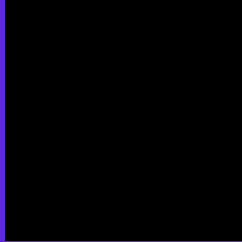
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8830, 71.5427, 13.2576

Background



This preview shows how black text looks on a background with the YUV color 76.8830, 71.5427, 13.2576.



This preview shows how white text looks on a background with the YUV color 76.8830, 71.5427,

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

76.8830, 71.5427, 13.2576

Protanopia

67.8560, 51.8360, -59.5097

Deuteranopia

68.5280, 39.1797, -60.0991



Tritanopia

77.9510, 10.8702, -33.2830

Trichromacy



Original Color

76.8830, 71.5427, 13.2576

Protanomaly

70.9700, 59.1748, -33.2997

Deuteranomaly

71.4940, 51.0285, -33.7592

Tritanomaly

77.4950, 32.7870, -16.2201

Monochromacy



Original Color

76.8830, 71.5427, 13.2576

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9060, 26.1753, 4.4674

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8830, 71.5427, 13.2576 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(92, 41, 222)` looks like.

```
.text, #text, p{  
    color:rgb(92, 41, 222)  
}
```

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(92, 41, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 41, 222) }
```

Border

The CSS property to change the border of an element to YUV 76.8830, 71.5427, 13.2576 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(92, 41, 222) }
```


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

```
.border{ border-color:rgb(92, 41, 222) }
```

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

Here you see how a box with a 4 pixel rgb(92, 41, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 41, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 41, 222);  
box-shadow:4px 4px 4px 4px rgb(92, 41,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 76.8830, 71.5427, 13.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 41, 222) }
```

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

```
.background{ background-color: rgb(92, 41,  
222) }
```

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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