

Converting Colors

YUV(79.5370, 69.7413, 31.1011)

Have a look what the booklet for
YUV(79.5370, 69.7413, 31.1011)
contains.

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Color

**YUV(79.5370, 69.7413,
31.1011)**

Conversions

Conversions Part 1

Format	Color
Hex	7322DD
RGB	115, 34, 221
RGB Percent	45%, 13%, 87%
CMY	0.5490, 0.8667, 0.1333
CMYK	0.48, 0.85, 0.00, 0.13
HSL	266°, 73%, 50%
HSV	266°, 85%, 87%
XYZ	20.6934, 10.0094, 69.2479
YIQ	79.5370, -11.7510, 75.3290

Conversions

Conversions Part 2

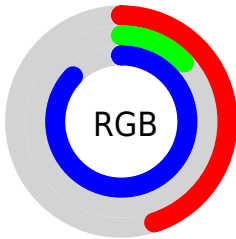
Format	Color
R _Y B	115, 34, 221
Decimal	7545565
CIE Lab	37.86, 68.64, -79.13
CIE LCh	38, 104.755, 310.939
Yxy	10.0094, 0.2070, 0.1001
Android (android.graphics.Color)	4285735645 (0xFF7322DD)
YUV	79.5370, 69.7413, 31.1011
Hunter-Lab	31.6376, 61.3870, -107.6270

Details

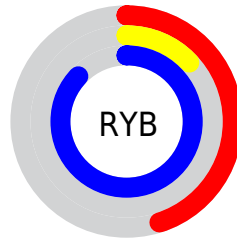
The YUV color **79.5370, 69.7413, 31.1011** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **175.4630, -69.7413, -31.1011**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6980, 58.8159, 35.3449**, and **32.7490, 64.7067, 12.4981** is the 20% darker color. If you saturate the color by 10%, you get **62.7360, 78.0242, 34.4345**, and if you desaturate by 10%, it is **96.3380, 61.4584, 27.7676**.

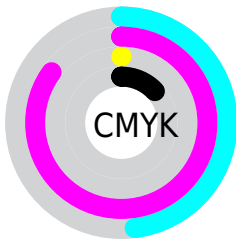
Distribution



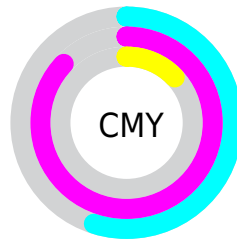
- Red (45%)
- Green (13%)
- Blue (87%)



- Red (45%)
- Yellow (13%)
- Blue (87%)



- Cyan (48%)
- Magenta (85%)
- Yellow (0%)
- Black (13%)



- Cyan (55%)
- Magenta (87%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.5370, 69.7413, 31.1011 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 79.5370, 69.7413, 31.1011 by changing the saturation by 10% instead.

79.5370, 69.7413,
31.1011

79.5370, 69.7413,
31.1011

255.0000, 0.0000,
0.0000

46.7050, 71.6304,
31.8307

135.6980, 58.8159,
35.3449

32.7490, 64.7067,
12.4981

160.5170, 46.5801,
39.8886

15.6180, 59.8413,
-13.6970

186.2220, 33.9076,
44.5323

12.6540, 48.4846,
-11.0976

208.0400, 23.1513,
41.1839

9.6900, 37.1278,
-8.4981

225.0630, 14.7589,
26.2547

10.4760, 24.9083,
-9.1875

242.0860, 6.3666,

6.0930, 15.7302,

11.3256

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 79.5370, 69.7413,
31.1011

■ 79.5370, 69.7413,
31.1011

■ 62.7360, 78.0242,
34.4345

■ 96.3380, 61.4584,
27.7676

■ 53.8980, 82.3813,
36.9235

■ 112.8400, 53.3229,
23.8193

■ 129.6410, 45.0400,
20.4858

■ 146.1430, 36.9045,
16.5376

■ 163.5310, 28.3322,
12.6893

■ 180.0330, 20.1967,
8.7411

■ 196.8340, 11.9138,
5.4076

■ 213.3360, 3.7784,
1.4593

■ 230.1370, -4.5045,
-1.8741

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



79.5370, 69.7413, 31.1011



77.7540, 34.1383, 110.7177

Triad

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



79.5370, 69.7413, 31.1011



81.8420, -40.3481, 61.5286



82.9460, 18.2676, -72.7436

Complementary

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



79.5370, 69.7413, 31.1011



175.4630, -69.7413, -31.1011

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.



70.3550, -22.3600, -61.7013



79.5370, 69.7413, 31.1011



80.5710, -39.7215, 0.3762

Square

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



79.5370, 69.7413, 31.1011



60.3980, -29.7762, 124.1850



64.5700, -31.8330, -56.6279



92.7670, 53.3589, -81.3567

Rectangle

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



79.5370, 69.7413, 31.1011



77.0510, 6.8769, 127.9973



64.5700, -31.8330, -56.6279



78.9390, 5.4531, -69.2295

Sweetspot

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



79.5370, 69.7413, 31.1011



206.6680, 23.8277, 10.8152



119.3010, 50.1376, -74.8090



98.5290, 14.5292, 6.5521



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.



79.5370, 69.7413, 31.1011



61.9600, 95.1687, 42.1311



106.4470, 56.4746, 86.4310



101.4500, 4.2151, 1.3593



42.1470, 64.5105, 28.8121



11.2240, 17.1446, 7.6966

Inverse Universe

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



101.9970, 18.7355, 104.3656



92.7750, 25.7469, 142.2713



148.5530, -56.4746, -86.4310



102.9730, 0.9993, 6.1627



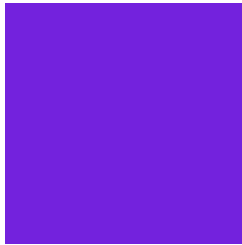
62.8990, 17.3048, 96.5586



16.7180, 4.5760, 25.6803

Previews

White Background



This preview shows how the YUV color 79.5370, 69.7413, 31.1011 looks on a white background.

Color Contrast Check

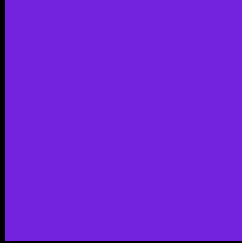
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.5370, 69.7413, 31.1011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

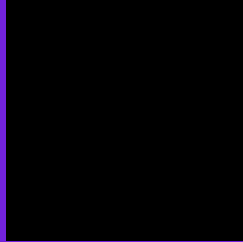
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.5370, 69.7413, 31.1011

Background



This preview shows how black text looks on a background with the YUV color 79.5370, 69.7413, 31.1011.



This preview shows how white text looks on a background with the YUV color 79.5370, 69.7413,

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

79.5370, 69.7413, 31.1011

Protanopia

71.2300, 54.6096, -62.4687

Deuteranopia

71.7880, 41.5165, -62.9581



Tritanopia

88.4060, 4.2368, -5.6181

Trichromacy



Original Color

79.5370, 69.7413, 31.1011



Protanomaly

74.2310, 60.0321, -28.2666



Deuteranomaly

74.7550, 51.8858, -28.7261



Tritanomaly

85.3840, 27.9117, 7.5562

Monochromacy



Original Color

79.5370, 69.7413, 31.1011



Achromatopsia

80.0000, 0.0000, 0.0000



Achromatomaly

79.7220, 25.2801, 11.6448

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.5370, 69.7413, 31.1011 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(115, 34, 221)` looks like.

```
.text, #text, p{  
    color:rgb(115, 34, 221)  
}
```

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(115, 34, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 34, 221) }
```

Border

The CSS property to change the border of an element to YUV 79.5370, 69.7413, 31.1011 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(115, 34, 221) }
```


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

```
.border{ border-color:rgb(115, 34, 221) }
```

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

Here you see how a box with a 4 pixel rgb(115, 34, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 34, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 34, 221);  
box-shadow:4px 4px 4px 4px rgb(115, 34,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 79.5370, 69.7413, 31.1011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 34, 221) }
```

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

```
.background{ background-color: rgb(115, 34,  
221) }
```

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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