

Converting Colors

YUV(72.8360, 69.5939, 31.7158)

Have a look what the booklet for
YUV(72.8360, 69.5939, 31.7158)
contains.

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Color

**YUV(72.8360, 69.5939,
31.7158)**

Conversions

Conversions Part 1

Format	Color
Hex	6D1BD6
RGB	109, 27, 214
RGB Percent	43%, 11%, 84%
CMY	0.5725, 0.8941, 0.1608
CMYK	0.49, 0.87, 0.00, 0.16
HSL	266°, 78%, 47%
HSV	266°, 87%, 84%
XYZ	18.8362, 8.8901, 64.3415
YIQ	72.8360, -11.1550, 75.5410

Conversions

Conversions Part 2

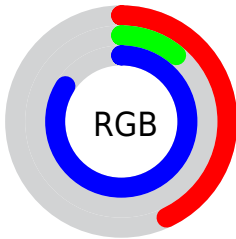
Format	Color
R _{YB}	109, 27, 214
Decimal	7150550
CIE Lab	35.77, 68.36, -78.57
CIE LCh	36, 104.143, 311.024
Yxy	8.8901, 0.2046, 0.0966
Android (android.graphics.Color)	4285340630 (0xFF6D1BD6)
YUV	72.8360, 69.5939, 31.7158
Hunter-Lab	29.8163, 60.5874, -107.0723

Details

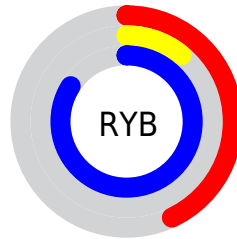
The YUV color **72.8360, 69.5939, 31.7158** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **168.1640, -69.5939, -31.7158**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.3820, 61.4367, 34.7450**, and **29.6730, 63.2652, 8.1798** is the 20% darker color. If you saturate the color by 10%, you get **56.9210, 77.4399, 35.1493**, and if you desaturate by 10%, it is **88.7510, 61.7478, 28.2824**.

Distribution



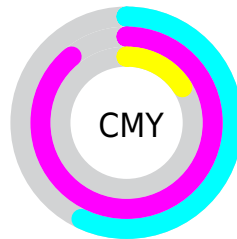
- Red (43%)
- Green (11%)
- Blue (84%)



- Red (43%)
- Yellow (11%)
- Blue (84%)



- Cyan (49%)
- Magenta (87%)
- Yellow (0%)
- Black (16%)



- Cyan (57%)
- Magenta (89%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8360, 69.5939, 31.7158 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 72.8360, 69.5939, 31.7158 by changing the saturation by 10% instead.

72.8360, 69.5939,
31.7158

72.8360, 69.5939,
31.7158

255.0000, 0.0000,
0.0000

44.2270, 69.8941,
28.7419

130.3820, 61.4367,
34.7450

29.6730, 63.2652,
8.1798

155.7880, 48.9115,
38.7739

14.9340, 57.2205,
-13.0971

180.9060, 36.5283,
43.9324

11.8560, 45.4270,
-10.3977

204.5180, 24.8876,
44.2727

11.9410, 33.0601,
-10.4723

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

■ 72.8360, 69.5939,
31.7158

■ 72.8360, 69.5939,
31.7158

■ 56.9210, 77.4399,
35.1493

■ 88.7510, 61.7478,
28.2824

■ 52.5020, 79.6185,
36.3937

■ 105.2530, 53.6123,
24.3341

■ 121.1680, 45.7662,
20.9007

■ 137.6700, 37.6307,
16.9524

■ 153.5850, 29.7846,
13.5190

■ 169.5000, 21.9385,
10.0855

■ 186.0020, 13.8030,
6.1372

■ 201.9170, 5.9569,
2.7038

■ 218.4190, -2.1786,
-1.2445

Harmonies

Analogous

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



81.3130, 85.6277, -71.3115



72.8360, 69.5939, 31.7158



74.9770, 32.5493, 107.0142

Triad

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



72.8360, 69.5939, 31.7158



77.4010, -38.1587, 59.2843



78.7400, 17.3832, -69.0550

Complementary

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



72.8360, 69.5939, 31.7158



168.1640, -69.5939, -31.7158

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.



66.2630, -22.8077, -58.1127



72.8360, 69.5939, 31.7158



75.8420, -37.3901, -0.7384

Square

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



72.8360, 69.5939, 31.7158



58.0060, -28.5970, 119.2667



61.0480, -30.0967, -53.5391



88.5610, 52.4744, -77.6680

Rectangle

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



72.8360, 69.5939, 31.7158



74.0890, 5.8721, 123.5789



61.0480, -30.0967, -53.5391



74.8470, 5.0054, -65.6408

Sweetspot

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



72.8360, 69.5939, 31.7158



205.1950, 24.5539, 11.2300



110.5400, 51.0058, -73.2646



97.6430, 14.9660, 6.4521



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.



72.8360, 69.5939, 31.7158



62.5580, 94.8739, 43.3606



100.6430, 55.8850, 88.8901



98.7490, 4.0677, 1.9741



41.9190, 63.6369, 29.0120



10.5830, 15.9816, 7.3817

Inverse Universe

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



94.8830, 18.2987, 104.4656



92.5470, 24.8733, 142.4713



140.3570, -55.8850, -88.8901



99.9730, 0.9993, 6.1627



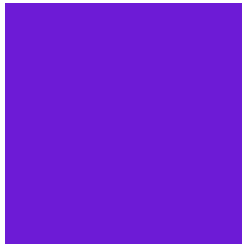
62.0730, 16.7260, 95.5290



15.5930, 4.1447, 24.0359

Previews

White Background



This preview shows how the YUV color 72.8360, 69.5939, 31.7158 looks on a white background.

Color Contrast Check

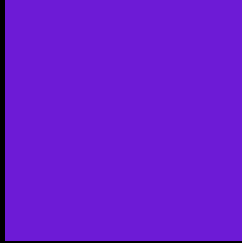
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.8360, 69.5939, 31.7158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

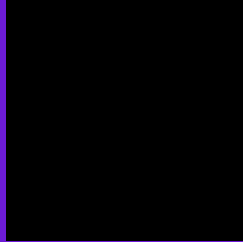
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8360, 69.5939, 31.7158

Background



This preview shows how black text looks on a background with the YUV color 72.8360, 69.5939, 31.7158.



This preview shows how white text looks on a background with the YUV color 72.8360, 69.5939,

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

72.8360, 69.5939, 31.7158

Protanopia

67.7420, 51.3992, -59.4097

Deuteranopia

67.8270, 39.0323, -59.4843



Tritanopia

83.8080, 4.5317, -6.8476

Trichromacy



Original Color

72.8360, 69.5939, 31.7158

Protanomaly

69.6720, 57.8427, -26.0223

Deuteranomaly

69.6090, 49.9858, -25.9671

Tritanomaly

80.0850, 28.0591, 6.9415

Monochromacy



Original Color

72.8360, 69.5939, 31.7158

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.7220, 25.2801, 11.6448

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8360, 69.5939, 31.7158 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(109, 27, 214)` looks like.

```
.text, #text, p{  
    color:rgb(109, 27, 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(109, 27, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 27, 214) }
```

Border

The CSS property to change the border of an element to YUV 72.8360, 69.5939, 31.7158 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(109, 27, 214) }
```


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

```
.border{ border-color:rgb(109, 27, 214) }
```

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

Here you see how a box with a 4 pixel rgb(109, 27, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 27, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 27, 214);  
box-shadow:4px 4px 4px 4px rgb(109, 27,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 72.8360, 69.5939, 31.7158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 27, 214) }
```

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

```
.background{ background-color: rgb(109, 27,  
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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