

Converting Colors

YUV(71.2160, 36.3755, 46.2916)

Have a look what the booklet for
YUV(71.2160, 36.3755, 46.2916)
contains.

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Color

**YUV(71.2160, 36.3755,
46.2916)**

Conversions

Conversions Part 1

Format	Color
Hex	7C1E91
RGB	124, 30, 145
RGB Percent	49%, 12%, 57%
CMY	0.5137, 0.8824, 0.4314
CMYK	0.14, 0.79, 0.00, 0.43
HSL	289°, 66%, 34%
HSV	289°, 79%, 57%
XYZ	13.8873, 7.2580, 27.4570
YIQ	71.2160, 19.1090, 55.6930

Conversions

Conversions Part 2

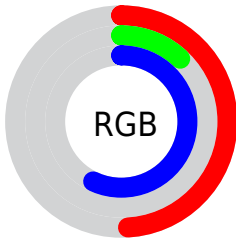
Format	Color
R_{YB}	124, 30, 145
Decimal	8134289
CIE _{Lab}	32.39, 54.78, -42.93
CIE _{LCh}	32, 69.600, 321.917
Y _{xy}	7.2580, 0.2857, 0.1493
Android (android.graphics.Color)	4286324369 (0xFF7C1E91)
YUV	71.2160, 36.3755, 46.2916
Hunter-Lab	26.9406, 44.8667, -41.5681

Details

The YUV color **71.2160, 36.3755, 46.2916** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **103.7840, -36.3755, -46.2916**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1020, 35.9387, 46.3915**, and **31.6460, 30.7405, 33.6365** is the 20% darker color. If you saturate the color by 10%, you get **62.1010, 40.8692, 51.6544**, and if you desaturate by 10%, it is **80.9180, 31.5924, 40.4139**.

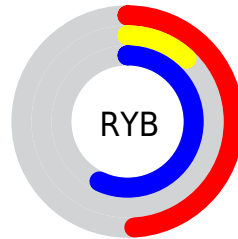
Distribution



Red (49%)

Green (12%)

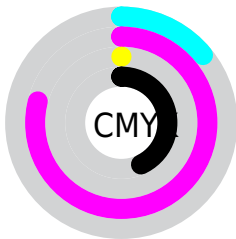
Blue (57%)



Red (49%)

Yellow (12%)

Blue (57%)

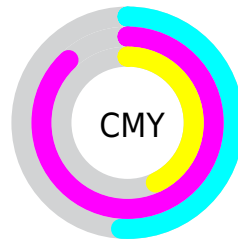


Cyan (14%)

Magenta (79%)

Yellow (0%)

Black (43%)



Cyan (51%)

Magenta (88%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2160, 36.3755, 46.2916 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 71.2160, 36.3755, 46.2916 by changing the saturation by 10% instead.

71.2160, 36.3755,
46.2916

71.2160, 36.3755,
46.2916

255.0000, 0.0000,
0.0000

42.5690, 37.6805,
47.7360

127.1020, 35.9387,
46.3915

31.6460, 30.7405,
33.6365

154.8140, 36.0807,
47.5211

21.6200, 23.3583,
21.3813

182.4120, 35.7859,
48.7507

9.4300, 18.0290,
4.0079

203.9310, 25.1770,
44.7875

3.3230, 10.1938,
-2.9143

220.3670, 17.0741,
30.3731

0.0000, 0.0000,
0.0000

237.3900, 8.6817,

15.4440

254.4130, 0.2894,
0.5148

■ 71.2160, 36.3755,
46.2916

■ 71.2160, 36.3755,
46.2916

■ 62.1010, 40.8692,
51.6544

■ 80.9180, 31.5924,
40.4139

■ 52.6980, 45.5049,
58.1469

■ 89.7340, 27.2461,
34.4363

■ 52.1110, 45.7943,
58.6617

■ 99.4360, 22.4631,
28.5586

■ 108.5510, 17.9694,
23.1958

■ 117.9540, 13.3337,
16.7033

■ 127.0690, 8.8400,
11.3405

■ 136.7710, 4.0569,
5.4628

■ 145.5870, -0.2894,
-0.5148

■ 155.2890, -5.0725,
-6.3925

Harmonies

Analogous

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



61.0230, 58.6557, -53.5172



71.2160, 36.3755, 46.2916



59.1540, 17.1791, 90.1959

Triad

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



71.2160, 36.3755, 46.2916



72.1970, -35.5931, 29.6452



70.7500, 22.3083, -62.0478

Complementary

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



71.2160, 36.3755, 46.2916



103.7840, -36.3755, -46.2916

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.



63.6650, -2.2998, -55.8342



71.2160, 36.3755, 46.2916



66.3400, -32.7056, -9.9452

Square

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



71.2160, 36.3755, 46.2916



65.3620, -32.2235, 68.9655



54.5910, -26.9134, -47.8763



74.9340, 43.4165, -65.7171

Rectangle

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



71.2160, 36.3755, 46.2916



56.4310, 0.2805, 96.9690



54.5910, -26.9134, -47.8763



68.6980, 14.4459, -60.2481

Sweetspot

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



71.2160, 36.3755, 46.2916



159.3070, 14.6386, 18.1478



55.4370, 44.1546, -22.3082



76.6560, 8.5506, 10.8257



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2160, 36.3755, 46.2916



73.4730, 56.9548, 72.3762



73.3910, 17.5552, 62.8011



66.5920, 2.1731, 2.9888



48.2800, 42.7530, 54.1284



2.7060, 2.6099, 2.8888

Inverse Universe

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



66.7790, -7.7790, 68.5998



66.5820, -12.1189, 107.3606



101.6090, -17.5552, -62.8011



66.3210, -0.1583, 4.1035



43.2150, -8.9800, 80.4954



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 71.2160, 36.3755, 46.2916 looks on a white background.

Color Contrast Check

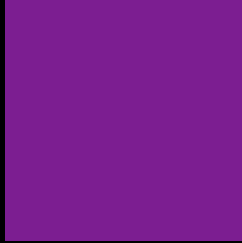
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.2160, 36.3755, 46.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

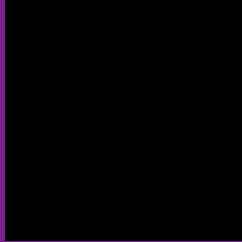
Any Text WCAG AA × Fail

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 71.2160, 36.3755, 46.2916 Background



This preview shows how black text looks on a background with the YUV color 71.2160, 36.3755, 46.2916.



This preview shows how white text looks on a background with the YUV color 71.2160, 36.3755,

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

71.2160, 36.3755, 46.2916

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

68.8680, 33.5891, -40.2262



Tritanopia

77.7050, -5.7706, 30.9537

Trichromacy



Original Color

71.2160, 36.3755, 46.2916

Protanomaly

65.5300, 43.1227, -18.0048

Deuteranomaly

69.7070, 34.6544, -8.5130

Tritanomaly

75.1630, 9.7796, 36.6910

Monochromacy



Original Color

71.2160, 36.3755, 46.2916

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9540, 13.3337, 16.7033

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2160, 36.3755, 46.2916 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(124, 30, 145)` looks like.

```
.text, #text, p{  
    color:rgb(124, 30, 145)  
}
```

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(124, 30, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 30, 145) }
```

Border

The CSS property to change the border of an element to YUV 71.2160, 36.3755, 46.2916 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(124, 30, 145) }
```


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

```
.border{ border-color:rgb(124, 30, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 30, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 30, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 30, 145);  
box-shadow:4px 4px 4px 4px rgb(124, 30,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 71.2160, 36.3755, 46.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 30, 145) }
```

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

```
.background{ background-color: rgb(124, 30,  
145) }
```

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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