

Converting Colors

YUV(71.1530, 18.6586, 82.3038)

Have a look what the booklet for
YUV(71.1530, 18.6586, 82.3038)
contains.

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Color

**YUV(71.1530, 18.6586,
82.3038)**

Conversions

Conversions Part 1

Format	Color
Hex	A5106D
RGB	165, 16, 109
RGB Percent	65%, 6%, 43%
CMY	0.3529, 0.9373, 0.5725
CMYK	0.00, 0.90, 0.34, 0.35
HSL	323°, 82%, 35%
HSV	323°, 90%, 65%
XYZ	18.4627, 9.4740, 15.3236
YIQ	71.1530, 58.9510, 60.5110

Conversions

Conversions Part 2

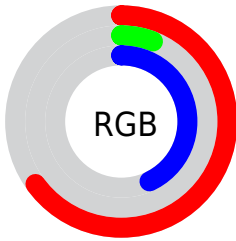
Format	Color
R_{YB}	165, 16, 109
Decimal	10817645
CIE _{Lab}	36.88, 61.63, -12.86
CIE _{LCh}	37, 62.961, 348.218
Yxy	9.4740, 0.4268, 0.2190
Android (android.graphics.Color)	4289007725 (0xFFA5106D)
YUV	71.1530, 18.6586, 82.3038
Hunter-Lab	30.7799, 53.2044, -7.9712

Details

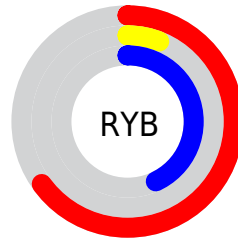
The YUV color **71.1530, 18.6586, 82.3038** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **109.8470, -18.6586, -82.3038**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6380, 12.9965, 78.3705**, and **39.2460, 10.7247, 60.2973** is the 20% darker color. If you saturate the color by 10%, you get **61.0770, 20.6680, 91.1405**, and if you desaturate by 10%, it is **81.2290, 16.6491, 73.4672**.

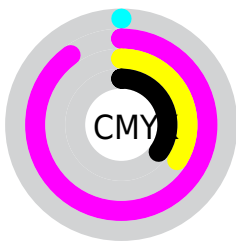
Distribution



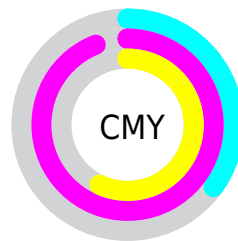
- Red (65%)
- Green (6%)
- Blue (43%)



- Red (65%)
- Yellow (6%)
- Blue (43%)



- Cyan (0%)
- Magenta (90%)
- Yellow (34%)
- Black (35%)



- Cyan (35%)
- Magenta (94%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.1530, 18.6586, 82.3038 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 71.1530, 18.6586, 82.3038 by changing the saturation by 10% instead.

71.1530, 18.6586,
82.3038

71.1530, 18.6586,
82.3038

255.0000, 0.0000,
0.0000

50.3540, 17.0805,
75.1115

134.6380, 12.9965,
78.3705

39.2460, 10.7247,
60.2973

163.7090, 11.9755,
79.1852

28.4800, 5.6794,
45.1830

183.5220, 15.5187,
62.6862

18.1980, -0.0976,
31.3984

203.2640, 20.0828,
45.3725

3.8870, -1.9163,
7.9921

221.5410, 16.4953,
29.3435

0.0000, 0.0000,
0.0000

238.5640, 8.1029,

14.4144

■ 71.1530, 18.6586,
82.3038

■ 71.1530, 18.6586,
82.3038

■ 61.0770, 20.6680,
91.1405

■ 81.2290, 16.6491,
73.4672

■ 91.8920, 14.3502,
64.1157

■ 102.0820, 12.7776,
55.1791

■ 112.7450, 10.4787,
45.8276

■ 122.8210, 8.4692,
36.9910

■ 133.4840, 6.1704,
27.6395

■ 143.5600, 4.1609,
18.8029

■ 154.3370, 2.2989,
9.3515

■ 164.4130, 0.2894,
0.5148

Harmonies

Analogous

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



87.3300, 33.3613, 33.0366



71.1530, 18.6586, 82.3038



66.6710, -3.7818, 93.2505

Triad

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



71.1530, 18.6586, 82.3038



78.5000, -38.7005, -0.4385



80.6900, 40.0858, -70.7651

Complementary

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



71.1530, 18.6586, 82.3038



109.8470, -18.6586, -82.3038

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.



76.7340, 19.8511, -67.2957



71.1530, 18.6586, 82.3038



60.5750, -29.3705, -53.1243

Square

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



71.1530, 18.6586, 82.3038



81.9760, -40.4142, 35.9780



70.1050, -3.0098, -61.4821



79.4310, 53.0315, -69.6610

Rectangle

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



71.1530, 18.6586, 82.3038



75.4800, -24.3936, 77.6320



70.1050, -3.0098, -61.4821



79.7950, 34.1181, -69.9802

Sweetspot

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



71.1530, 18.6586, 82.3038



177.4460, 7.1751, 32.0579



49.4310, 56.9755, 18.9160



85.5600, 4.1609, 18.8029



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



71.1530, 18.6586, 82.3038



79.2620, 26.9858, 118.1652



62.8310, -13.2277, 89.6022



76.3750, 1.2941, 4.9331



53.7290, 18.3746, 80.0447



6.6360, 2.1515, 9.9662

Inverse Universe

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



71.1530, 18.6586, 82.3038



79.2620, 26.9858, 118.1652



118.1690, 13.2277, -89.6022



76.3750, 1.2941, 4.9331



53.7290, 18.3746, 80.0447



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 71.1530, 18.6586, 82.3038 looks on a white background.

Color Contrast Check

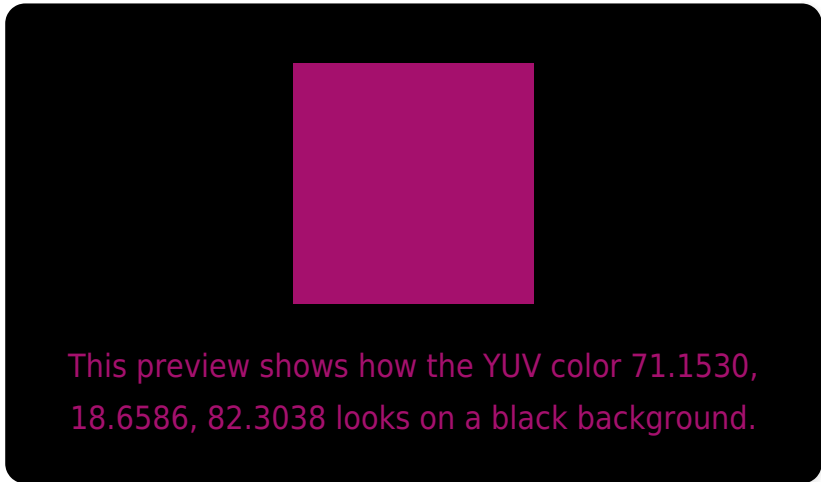
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

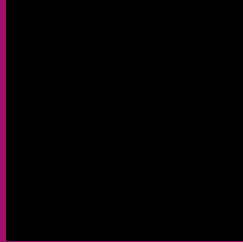
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.1530, 18.6586, 82.3038

Background



This preview shows how black text looks on a background with the YUV color 71.1530, 18.6586, 82.3038.



This preview shows how white text looks on a background with the YUV color 71.1530, 18.6586,

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

71.1530, 18.6586, 82.3038

Protanopia

86.2660, 33.3929, -23.9123

Deuteranopia

89.3190, 6.2517, 1.4742



Tritanopia

79.9120, -16.2256, 71.1142

Trichromacy



Original Color

71.1530, 18.6586, 82.3038

Protanomaly

80.8410, 28.1794, 15.0484

Deuteranomaly

83.0590, 10.8169, 30.6433

Tritanomaly

76.3760, -3.1434, 75.0922

Monochromacy



Original Color

71.1530, 18.6586, 82.3038

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0220, 6.8912, 29.7987

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.1530, 18.6586, 82.3038 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(165, 16, 109)` looks like.

```
.text, #text, p{  
    color:rgb(165, 16, 109)  
}
```

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(165, 16, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 16, 109) }
```

Border

The CSS property to change the border of an element to YUV 71.1530, 18.6586, 82.3038 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(165, 16, 109) }
```


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

```
.border{ border-color:rgb(165, 16, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 16, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 16, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 16, 109);  
box-shadow:4px 4px 4px 4px rgb(165, 16,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 71.1530, 18.6586, 82.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 16, 109) }
```

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

```
.background{ background-color: rgb(165, 16,  
109) }
```

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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