

Converting Colors

YUV(72.1490, 14.7165, 86.6923)

Have a look what the booklet for
YUV(72.1490, 14.7165, 86.6923)
contains.

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Color

**YUV(72.1490, 14.7165,
86.6923)**

Conversions

Conversions Part 1

Format	Color
Hex	AB1066
RGB	171, 16, 102
RGB Percent	67%, 6%, 40%
CMY	0.3294, 0.9373, 0.6000
CMYK	0.00, 0.91, 0.40, 0.33
HSL	327°, 83%, 37%
HSV	327°, 91%, 67%
XYZ	19.3782, 9.9878, 13.4769
YIQ	72.1490, 64.7740, 59.6060

Conversions

Conversions Part 2

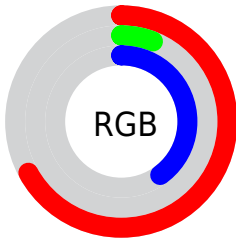
Format	Color
R_{YB}	171, 16, 102
Decimal	11210854
CIE _{Lab}	37.82, 62.30, -6.88
CIE _{LCh}	38, 62.674, 353.700
Yxy	9.9878, 0.4523, 0.2331
Android (android.graphics.Color)	4289400934 (0xFFAB1066)
YUV	72.1490, 14.7165, 86.6923
Hunter-Lab	31.6035, 54.1437, -3.1609

Details

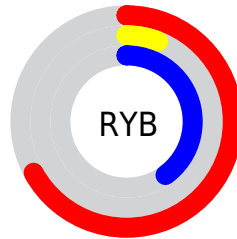
The YUV color **72.1490, 14.7165, 86.6923** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **114.8510, -14.7165, -86.6923**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4060, 8.1808, 82.9589**, and **40.0570, 7.3669, 63.9710** is the 20% darker color. If you saturate the color by 10%, you get **61.9590, 16.2892, 95.6290**, and if you desaturate by 10%, it is **83.0400, 13.2913, 77.1409**.

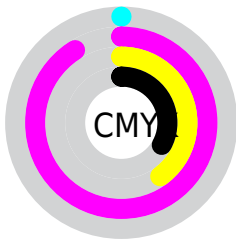
Distribution



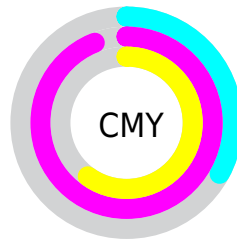
- Red (67%)
- Green (6%)
- Blue (40%)



- Red (67%)
- Yellow (6%)
- Blue (40%)



- Cyan (0%)
- Magenta (91%)
- Yellow (40%)
- Black (33%)





- Cyan (33%)
- Magenta (94%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.1490, 14.7165, 86.6923 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 72.1490, 14.7165, 86.6923 by changing the saturation by 10% instead.

 72.1490, 14.7165,
86.6923

 72.1490, 14.7165,
86.6923


255.0000, 0.0000,
0.0000


 51.3500, 13.1385,
79.5001


 136.4060, 8.1808,
82.9589


 40.0570, 7.3669,
63.9710


 163.6830, 8.0443,
80.0850


 29.2910, 2.3215,
48.8568

 183.1970, 11.7349,
62.9712

 18.7810, -4.3290,
35.2721

 203.4120, 15.5729,
45.2427

 6.2790, -3.0955,
12.9103

 222.1280, 16.2059,
28.8287

 0.0000, 0.0000,
0.0000

 239.7380, 7.5242,

13.3848

■ 72.1490, 14.7165,
86.6923

■ 72.1490, 14.7165,
86.6923

■ 61.9590, 16.2892,
95.6290

■ 83.0400, 13.2913,
77.1409

■ 93.8170, 11.4292,
67.6895

■ 104.7080, 10.0040,
58.1381

■ 115.4850, 8.1419,
48.6867

■ 126.3760, 6.7166,
39.1352

■ 137.8540, 5.0020,
29.0690

■ 148.6310, 3.1399,
19.6176

■ 159.5220, 1.7147,
10.0662

■ 170.4130, 0.2894,
0.5148

Harmonies

Analogous

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



88.2990, 30.4186, 43.5878



72.1490, 14.7165, 86.6923



73.2160, -10.4595, 88.3876

Triad

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



72.1490, 14.7165, 86.6923



78.4560, -38.6788, -7.4159



82.8900, 43.4382, -72.6945

Complementary

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



72.1490, 14.7165, 86.6923



114.8510, -14.7165, -86.6923

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.



79.2760, 24.5139, -69.5251



72.1490, 14.7165, 86.6923



64.5020, -21.9395, -56.5683

Square

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



72.1490, 14.7165, 86.6923



84.0030, -41.4135, 29.8154



73.2340, 1.3636, -64.2262



79.8870, 54.7787, -70.0609

Rectangle

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



72.1490, 14.7165, 86.6923



79.2530, -30.1977, 72.5691



73.2340, 1.3636, -64.2262



82.1090, 37.9073, -72.0096

Sweetspot

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



72.1490, 14.7165, 86.6923



183.7020, 5.5699, 33.5873



53.7030, 57.8274, 25.6935



89.0440, 3.4293, 20.1324



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



72.1490, 14.7165, 86.6923



80.4000, 21.0018, 124.1832



63.4850, -18.4801, 94.2907



81.2610, 0.8573, 5.0331



54.3120, 14.1432, 83.9184



8.3590, 2.2880, 12.8402

Inverse Universe

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



72.1490, 14.7165, 86.6923



80.4000, 21.0018, 124.1832



123.5150, 18.4801, -94.2907



81.2610, 0.8573, 5.0331



54.3120, 14.1432, 83.9184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 72.1490, 14.7165, 86.6923 looks on a white background.

Color Contrast Check

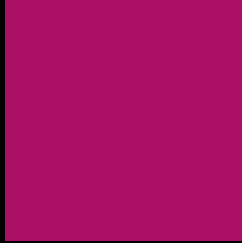
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.1490, 14.7165, 86.6923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

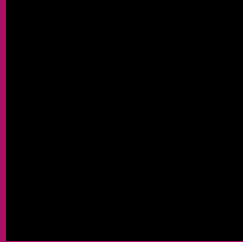
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.1490, 14.7165, 86.6923

Background



This preview shows how black text looks on a background with the YUV color 72.1490, 14.7165, 86.6923.



This preview shows how white text looks on a background with the YUV color 72.1490, 14.7165,

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

72.1490, 14.7165, 86.6923

Protanopia

89.7030, 27.2614, -17.2795

Deuteranopia

91.7880, 1.5835, 5.4479



Tritanopia

79.9020, -17.6997, 77.2619

Trichromacy



Original Color

72.1490, 14.7165, 86.6923

Protanomaly

83.0930, 22.6322, 20.9664

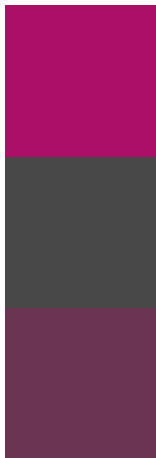
Deuteranomaly

84.9410, 6.4381, 35.1317

Tritanomaly

77.3120, -6.0698, 80.4104

Monochromacy



Original Color

72.1490, 14.7165, 86.6923

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2780, 5.2859, 31.3282

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.1490, 14.7165, 86.6923 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(171, 16, 102)` looks like.

```
.text, #text, p{  
    color:rgb(171, 16, 102)  
}
```

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(171, 16, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 16, 102) }
```

Border

The CSS property to change the border of an element to YUV 72.1490, 14.7165, 86.6923 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(171, 16, 102) }
```


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

```
.border{ border-color:rgb(171, 16, 102) }
```

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

Here you see how a box with a 4 pixel rgb(171, 16, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 16, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 16, 102);  
box-shadow:4px 4px 4px 4px rgb(171, 16,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 72.1490, 14.7165, 86.6923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 16, 102) }
```

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

```
.background{ background-color: rgb(171, 16,  
102) }
```

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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