

Converting Colors

YUV(73.9470, 21.2251, 99.1475)

Have a look what the booklet for
YUV(73.9470, 21.2251, 99.1475)
contains.

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Color

**YUV(73.9470, 21.2251,
99.1475)**

Conversions

Conversions Part 1

Format	Color
Hex	BB0875
RGB	187, 8, 117
RGB Percent	73%, 3%, 46%
CMY	0.2667, 0.9686, 0.5412
CMYK	0.00, 0.96, 0.37, 0.27
HSL	323°, 92%, 38%
HSV	323°, 96%, 73%
XYZ	23.7912, 12.0228, 17.8963
YIQ	73.9470, 71.6950, 71.8470

Conversions

Conversions Part 2

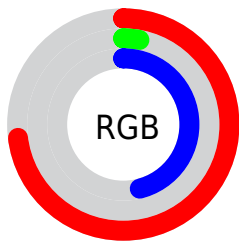
Format	Color
R_{YB}	187, 8, 117
Decimal	12257397
CIE _{Lab}	41.25, 68.33, -10.84
CIE _{LCh}	41, 69.188, 350.983
Yxy	12.0228, 0.4430, 0.2238
Android (android.graphics.Color)	4290447477 (0xFFBB0875)
YUV	73.9470, 21.2251, 99.1475
Hunter-Lab	34.6739, 61.7969, -6.3297

Details

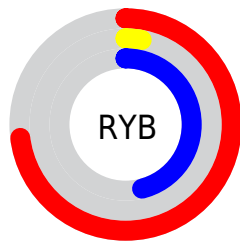
The YUV color **73.9470, 21.2251, 99.1475** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **121.0530, -21.2251, -99.1475**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4870, 12.0849, 90.7809**, and **46.1380, 11.2710, 71.7930** is the 20% darker color. If you saturate the color by 10%, you get **68.9090, 22.2299, 103.5658**, and if you desaturate by 10%, it is **85.8980, 18.7843, 88.6665**.

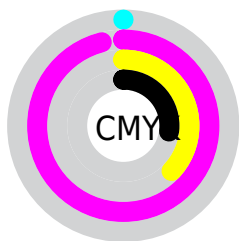
Distribution



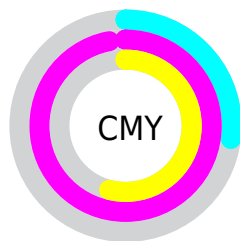
- Red (73%)
- Green (3%)
- Blue (46%)



- Red (73%)
- Yellow (3%)
- Blue (46%)



- Cyan (0%)
- Magenta (96%)
- Yellow (37%)
- Black (27%)




- Cyan (27%)
- Magenta (97%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.9470, 21.2251, 99.1475 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 73.9470, 21.2251, 99.1475 by changing the saturation by 10% instead.


 73.9470, 21.2251,
99.1475


 73.9470, 21.2251,
99.1475


255.0000, 0.0000,
0.0000


 57.4310, 17.0425,
87.3220

 144.4870, 12.0849,
90.7809


 46.1380, 11.2710,
71.7930


 166.6810, 14.4543,
77.4558


 34.9590, 5.9362,
56.1640

 186.8960, 18.2923,
59.7272

 24.4920, 0.7434,
41.6645

 207.2250, 22.5671,
41.8987

 12.9710, -5.9017,
26.3354

 224.4760, 15.0483,
26.7695

 0.0000, 0.0000,
0.0000

 242.0860, 6.3666,

11.3256

■ 73.9470, 21.2251,
99.1475

■ 73.9470, 21.2251,
99.1475

■ 68.9090, 22.2299,
103.5658

■ 85.8980, 18.7843,
88.6665

■ 97.3760, 17.0696,
78.6002

■ 109.3270, 14.6288,
68.1192

■ 121.2780, 12.1879,
57.6382

■ 132.7560, 10.4733,
47.5720

■ 144.7070, 8.0324,
37.0910

■ 156.6580, 5.5916,
26.6099

■ 168.7230, 3.5876,
16.0289

■ 180.0870, 1.4361,
6.0627

Harmonies

Analogous

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



97.0800, 35.9496, 42.9028



73.9470, 21.2251, 99.1475



74.0530, -6.4351, 104.3165

Triad

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



73.9470, 21.2251, 99.1475



86.4410, -42.6154, -4.7718



91.0570, 46.8069, -79.8570

Complementary

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



73.9470, 21.2251, 99.1475



121.0530, -21.2251, -99.1475

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.



86.6450, 24.8250, -75.9877



73.9470, 21.2251, 99.1475



69.1180, -29.6382, -60.6165

Square

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



73.9470, 21.2251, 99.1475



92.0100, -45.3609, 35.9482



79.3320, -0.6567, -69.5742



88.6240, 60.3314, -77.7232

Rectangle

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



73.9470, 21.2251, 99.1475



84.9170, -30.5251, 84.2648



79.3320, -0.6567, -69.5742



89.9340, 39.9655, -78.8721

Sweetspot

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



73.9470, 21.2251, 99.1475



197.8320, 8.4638, 38.7353



49.0370, 68.0158, 24.5236



95.5220, 5.1657, 23.2212



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



73.9470, 21.2251, 99.1475



89.2300, 28.9736, 133.9793



63.9150, -17.2131, 107.9455



88.3750, 1.2941, 4.9331



58.1860, 18.6423, 87.5369



11.4350, 3.7295, 17.1585

Inverse Universe

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



73.9470, 21.2251, 99.1475



89.2300, 28.9736, 133.9793



131.0850, 17.2131, -107.9455



88.3750, 1.2941, 4.9331



58.1860, 18.6423, 87.5369



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 73.9470, 21.2251, 99.1475 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 × Fail

Black Background



This preview shows how the YUV color 73.9470, 21.2251, 99.1475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

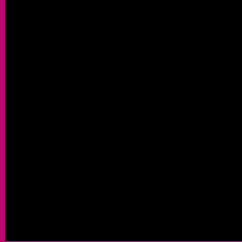
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.9470, 21.2251, 99.1475

Background



This preview shows how black text looks on a background with the YUV color 73.9470, 21.2251, 99.1475.



This preview shows how white text looks on a background with the YUV color 73.9470, 21.2251,

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

73.9470, 21.2251, 99.1475

Protanopia

96.9070, 34.5558, -23.5974

Deuteranopia

99.8740, 4.4991, 3.6185



Tritanopia

87.7780, -19.6106, 83.5097

Trichromacy



Original Color

73.9470, 21.2251, 99.1475

Protanomaly

88.9280, 29.6155, 21.1111

Deuteranomaly

90.4020, 10.6478, 38.2354

Tritanomaly

82.7090, -4.7865, 88.8322

Monochromacy



Original Color

73.9470, 21.2251, 99.1475

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9950, 7.8905, 35.9614

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.9470, 21.2251, 99.1475 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(187, 8, 117)` looks like.

```
.text, #text, p{  
    color:rgb(187, 8, 117)  
}
```

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(187, 8, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 8, 117) }
```

Border

The CSS property to change the border of an element to YUV 73.9470, 21.2251, 99.1475 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(187, 8, 117) }
```


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

```
.border{ border-color:rgb(187, 8, 117) }
```

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

Here you see how a box with a 4 pixel rgb(187, 8, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 8, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 8, 117);  
box-shadow:4px 4px 4px 4px rgb(187, 8,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 73.9470, 21.2251, 99.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 8, 117) }
```

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

```
.background{ background-color: rgb(187, 8,  
117) }
```

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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