

Converting Colors

YUV(74.5280, 19.9527, 87.2369)

Have a look what the booklet for
YUV(74.5280, 19.9527, 87.2369)
contains.

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Color

**YUV(74.5280, 19.9527,
87.2369)**

Conversions

Conversions Part 1

Format	Color
Hex	AE1073
RGB	174, 16, 115
RGB Percent	68%, 6%, 45%
CMY	0.3176, 0.9373, 0.5490
CMYK	0.00, 0.91, 0.34, 0.32
HSL	322°, 83%, 37%
HSV	322°, 91%, 68%
XYZ	20.7354, 10.6071, 17.1741
YIQ	74.5280, 62.3890, 64.2850

Conversions

Conversions Part 2

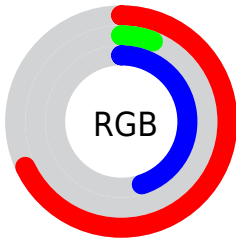
Format	Color
R_{YB}	174, 16, 115
Decimal	11407475
CIE _{Lab}	38.91, 64.31, -13.39
CIE _{LCh}	39, 65.691, 348.241
Yxy	10.6071, 0.4274, 0.2186
Android (android.graphics.Color)	4289597555 (0xFFAE1073)
YUV	74.5280, 19.9527, 87.2369
Hunter-Lab	32.5685, 56.6507, -8.4671

Details

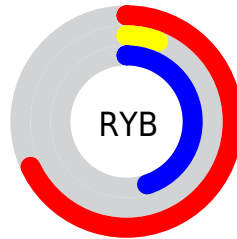
The YUV color **74.5280, 19.9527, 87.2369** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **115.4720, -19.9527, -87.2369**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4860, 13.5644, 82.8888**, and **42.3220, 12.1663, 64.6156** is the 20% darker color. If you saturate the color by 10%, you get **64.4520, 21.9622, 96.0736**, and if you desaturate by 10%, it is **85.1910, 17.6538, 77.8855**.

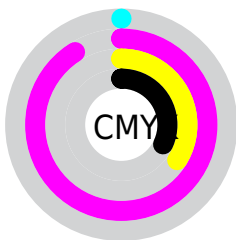
Distribution



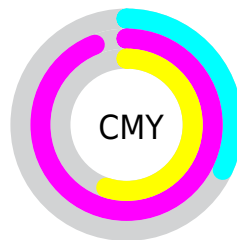
- Red (68%)
- Green (6%)
- Blue (45%)



- Red (68%)
- Yellow (6%)
- Blue (45%)



- Cyan (0%)
- Magenta (91%)
- Yellow (34%)
- Black (32%)





- Cyan (32%)
- Magenta (94%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.5280, 19.9527, 87.2369 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 74.5280, 19.9527, 87.2369 by changing the saturation by 10% instead.


 74.5280, 19.9527,
87.2369


 74.5280, 19.9527,
87.2369


255.0000, 0.0000,
0.0000


 53.6150, 17.9378,
80.1446


 139.4860, 13.5644,
82.8888


 42.3220, 12.1663,
64.6156


 165.8660, 13.8701,
78.1705


 31.4420, 6.6841,
49.6014

 186.0810, 17.7081,
60.4420

 21.2740, 1.3439,
35.7167

 205.8230, 22.2723,
43.1282

 9.0840, -3.9854,
18.3433

 223.3020, 15.6271,
27.7991

 0.0000, 0.0000,
0.0000

 240.9120, 6.9454,

■ 74.5280, 19.9527,
87.2369

■ 74.5280, 19.9527,
87.2369

■ 64.4520, 21.9622,
96.0736

■ 85.1910, 17.6538,
77.8855

■ 96.5550, 15.5024,
67.9193

■ 107.2180, 13.2035,
58.5678

■ 118.5820, 11.0521,
48.6016

■ 129.2450, 8.7532,
39.2501

■ 140.0220, 6.8912,
29.7987

■ 151.2720, 4.3029,
19.9325

■ 162.0490, 2.4408,
10.4810

■ 173.2990, -0.1474,
0.6148

Harmonies

Analogous

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



92.2100, 35.3925, 34.8958



74.5280, 19.9527, 87.2369



69.1170, -3.5087, 98.9984

Triad

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



74.5280, 19.9527, 87.2369



82.6310, -40.7371, -0.5534



85.2380, 42.2807, -74.7537

Complementary

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



74.5280, 19.9527, 87.2369



115.4720, -19.9527, -87.2369

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.



81.0540, 21.1724, -71.0844



74.5280, 19.9527, 87.2369



63.5100, -30.8174, -55.6983

Square

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



74.5280, 19.9527, 87.2369



86.7050, -42.7456, 37.0927



74.0830, -2.9989, -64.9708



83.5060, 55.9525, -73.2348

Rectangle

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



74.5280, 19.9527, 87.2369



79.4590, -25.8623, 82.0355



74.0830, -2.9989, -64.9708



84.2290, 35.8761, -73.8688

Sweetspot

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



74.5280, 19.9527, 87.2369



188.5710, 7.6065, 33.7022



51.3540, 60.4645, 19.8605



91.6850, 4.5923, 20.4473



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



74.5280, 19.9527, 87.2369



84.0610, 28.5639, 125.3575



65.6360, -14.1175, 95.0352



81.2610, 0.8573, 5.0331



55.5660, 18.9480, 82.8186



8.4730, 2.7248, 12.7402

Inverse Universe

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



74.5280, 19.9527, 87.2369



84.0610, 28.5639, 125.3575



124.3640, 14.1175, -95.0352



81.2610, 0.8573, 5.0331



55.5660, 18.9480, 82.8186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 74.5280, 19.9527, 87.2369 looks on a white background.

Color Contrast Check

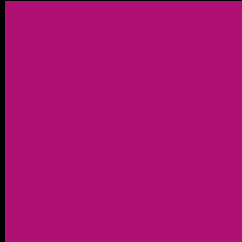
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.5280, 19.9527, 87.2369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

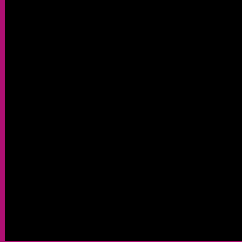
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.5280, 19.9527, 87.2369

Background



This preview shows how black text looks on a background with the YUV color 74.5280, 19.9527, 87.2369.



This preview shows how white text looks on a background with the YUV color 74.5280, 19.9527,

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

74.5280, 19.9527, 87.2369

Protanopia

90.2380, 35.8717, -25.6417

Deuteranopia

94.3190, 6.2517, 1.4742



Tritanopia

84.0050, -17.2575, 75.4176

Trichromacy



Original Color

74.5280, 19.9527, 87.2369

Protanomaly

84.7100, 30.2160, 15.1633

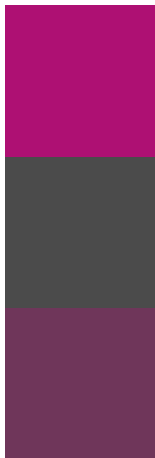
Deuteranomaly

87.1840, 11.2483, 32.2876

Tritanomaly

80.5830, -3.7384, 79.2957

Monochromacy



Original Color

74.5280, 19.9527, 87.2369

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1470, 7.3225, 31.4431

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5280, 19.9527, 87.2369 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(174, 16, 115)` looks like.

```
.text, #text, p{  
    color:rgb(174, 16, 115)  
}
```

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(174, 16, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 16, 115) }
```

Border

The CSS property to change the border of an element to YUV 74.5280, 19.9527, 87.2369 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(174, 16, 115) }
```


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

```
.border{ border-color:rgb(174, 16, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 16, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 16, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 16, 115);  
box-shadow:4px 4px 4px 4px rgb(174, 16,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 74.5280, 19.9527, 87.2369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 16, 115) }
```

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

```
.background{ background-color: rgb(174, 16,  
115) }
```

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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