

Converting Colors

YUV(72.9490, 24.6751, 65.8197)

Have a look what the booklet for
YUV(72.9490, 24.6751, 65.8197)
contains.

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Color

**YUV(72.9490, 24.6751,
65.8197)**

Conversions

Conversions Part 1

Format	Color
Hex	94197B
RGB	148, 25, 123
RGB Percent	58%, 10%, 48%
CMY	0.4196, 0.9020, 0.5176
CMYK	0.00, 0.83, 0.17, 0.42
HSL	312°, 71%, 34%
HSV	312°, 83%, 58%
XYZ	16.1355, 8.4212, 19.5139
YIQ	72.9490, 41.8500, 56.5540

Conversions

Conversions Part 2

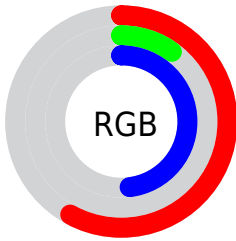
Format	Color
R_{YB}	148, 25, 123
Decimal	9705851
CIE _{Lab}	34.85, 57.69, -25.10
CIE _{LCh}	35, 62.916, 336.491
Yxy	8.4212, 0.3661, 0.1911
Android (android.graphics.Color)	4287895931 (0xFF94197B)
YUV	72.9490, 24.6751, 65.8197
Hunter-Lab	29.0193, 48.4669, -19.5557

Details

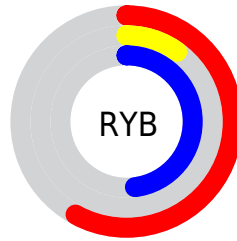
The YUV color **72.9490, 24.6751, 65.8197** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **100.0510, -24.6751, -65.8197**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8410, 21.7704, 64.1604**, and **36.2430, 18.6142, 49.7759** is the 20% darker color. If you saturate the color by 10%, you get **63.8020, 27.7056, 73.8416**, and if you desaturate by 10%, it is **82.0960, 21.6447, 57.7978**.

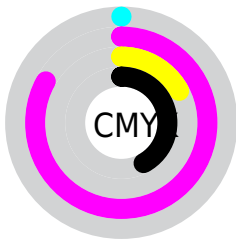
Distribution



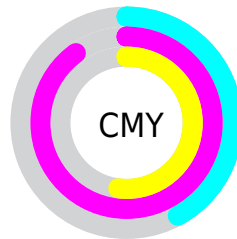
- Red (58%)
- Green (10%)
- Blue (48%)



- Red (58%)
- Yellow (10%)
- Blue (48%)



- Cyan (0%)
- Magenta (83%)
- Yellow (17%)
- Black (42%)





- Cyan (42%)
- Magenta (90%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.9490, 24.6751, 65.8197 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 72.9490, 24.6751, 65.8197 by changing the saturation by 10% instead.


 72.9490, 24.6751,
65.8197


 72.9490, 24.6751,
65.8197


255.0000, 0.0000,
0.0000


 47.0520, 25.1174,
63.9754

 131.8410, 21.7704,
64.1604


 36.2430, 18.6142,
49.7759

 159.7380, 21.3282,
66.0048


 25.8470, 12.4004,
36.0912

 185.4600, 22.9442,
60.9866

 15.5650, 6.6235,
22.3065

 204.5180, 24.8876,
44.2727

 0.0000, 0.0000,
0.0000

 221.5410, 16.4953,
29.3435

 238.5640, 8.1029,

14.4144

■ 72.9490, 24.6751,
65.8197

■ 72.9490, 24.6751,
65.8197

■ 63.8020, 27.7056,
73.8416

■ 82.0960, 21.6447,
57.7978

■ 57.7040, 29.7259,
79.1896

■ 91.2430, 18.6142,
49.7759

■ 99.8030, 15.8731,
42.2688

■ 108.9500, 12.8426,
34.2468

■ 118.0970, 9.8122,
26.2249

■ 127.2440, 6.7817,
18.2030

■ 136.3910, 3.7512,
10.1811

■ 144.9510, 1.0102,
2.6740

■ 154.0980, -2.0203,
-5.3479

Harmonies

Analogous

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



82.5980, 40.1312, 8.2456



72.9490, 24.6751, 65.8197



58.2550, 7.2693, 95.3694

Triad

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



72.9490, 24.6751, 65.8197



76.5170, -37.7229, 12.7016



75.9480, 32.0706, -66.6064

Complementary

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



72.9490, 24.6751, 65.8197



100.0510, -24.6751, -65.8197

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.



70.9490, 10.3781, -62.2223



72.9490, 24.6751, 65.8197



65.6320, -32.3566, -28.6183

Square

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



72.9490, 24.6751, 65.8197



76.7370, -37.8313, 47.5887



63.1460, -11.9040, -55.3790



77.4760, 48.0793, -67.9465

Rectangle

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



72.9490, 24.6751, 65.8197



63.1020, -10.8963, 88.4875



63.1460, -11.9040, -55.3790



74.8250, 25.2293, -65.6215

Sweetspot

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



72.9490, 24.6751, 65.8197



161.7980, 9.9596, 25.6102



46.4970, 50.0410, 3.0721



79.2930, 5.7716, 15.5290



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



72.9490, 24.6751, 65.8197



74.4370, 38.2386, 102.2258



65.9950, -1.9695, 71.9184



69.6630, 1.1521, 3.8035



53.8020, 27.7056, 73.8416



3.9020, 2.0203, 5.3479

Inverse Universe

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



72.9490, 24.6751, 65.8197



74.4370, 38.2386, 102.2258



107.0050, 1.9695, -71.9184



69.6630, 1.1521, 3.8035



53.8020, 27.7056, 73.8416



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 72.9490, 24.6751, 65.8197 looks on a white background.

Color Contrast Check

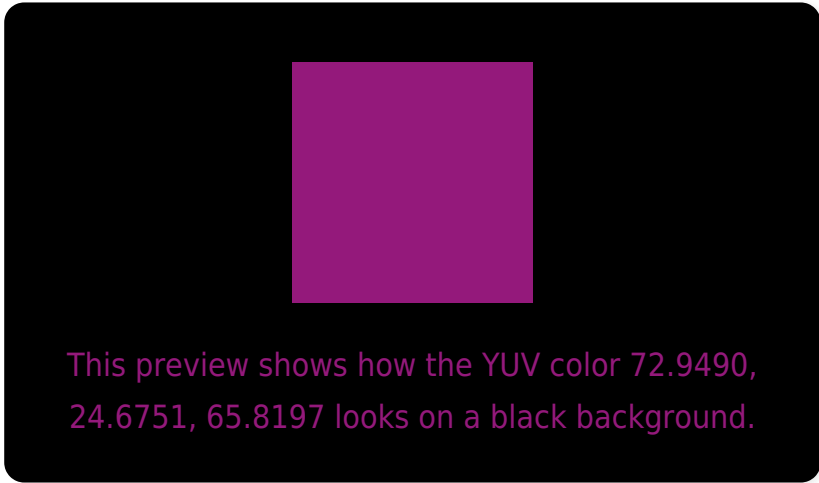
Large Text (above 18pt) WCAG AA ✓ Pass

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

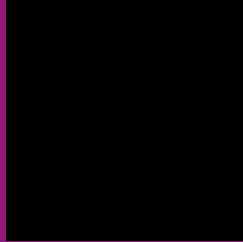
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.9490, 24.6751, 65.8197

Background



This preview shows how black text looks on a background with the YUV color 72.9490, 24.6751, 65.8197.



This preview shows how white text looks on a background with the YUV color 72.9490, 24.6751,

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

72.9490, 24.6751, 65.8197

Protanopia

73.5760, 46.5510, -44.3552

Deuteranopia

83.7720, 15.8884, -9.4470



Tritanopia

79.9530, -11.8088, 54.4152

Trichromacy



Original Color

72.9490, 24.6751, 65.8197

Protanomaly

73.4670, 38.7168, -4.7946

Deuteranomaly

79.8600, 19.2960, 17.6628

Tritanomaly

77.4170, 1.2734, 58.3933

Monochromacy



Original Color

72.9490, 24.6751, 65.8197

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1460, 8.8020, 23.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.9490, 24.6751, 65.8197 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(148, 25, 123)` looks like.

```
.text, #text, p{  
    color:rgb(148, 25, 123)  
}
```

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(148, 25, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 25, 123) }
```

Border

The CSS property to change the border of an element to YUV 72.9490, 24.6751, 65.8197 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(148, 25, 123) }
```


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

```
.border{ border-color:rgb(148, 25, 123) }
```

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

Here you see how a box with a 4 pixel rgb(148, 25, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 25, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 25, 123);  
box-shadow:4px 4px 4px 4px rgb(148, 25,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 72.9490, 24.6751, 65.8197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 25, 123) }
```

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

```
.background{ background-color: rgb(148, 25,  
123) }
```

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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