

Converting Colors

YUV(73.9290, 58.7020, 71.9763)

Have a look what the booklet for
YUV(73.9290, 58.7020, 71.9763)
contains.

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Color

**YUV(73.9290, 58.7020,
71.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	9C09C1
RGB	156, 9, 193
RGB Percent	61%, 4%, 76%
CMY	0.3882, 0.9647, 0.2431
CMYK	0.19, 0.95, 0.00, 0.24
HSL	288°, 91%, 40%
HSV	288°, 95%, 76%
XYZ	23.4336, 11.1135, 51.3621
YIQ	73.9290, 28.5480, 88.3880

Conversions

Conversions Part 2

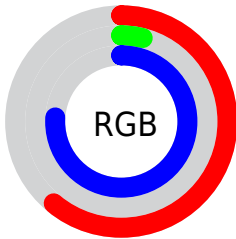
Format	Color
RYB	156, 9, 193
Decimal	10226113
CIELab	39.77, 73.13, -59.53
CIElCh	40, 94.299, 320.853
Yxy	11.1135, 0.2728, 0.1294
Android (android.graphics.Color)	4288416193 (0xFF9C09C1)
YUV	73.9290, 58.7020, 71.9763
Hunter-Lab	33.3370, 67.1336, -68.0119

Details

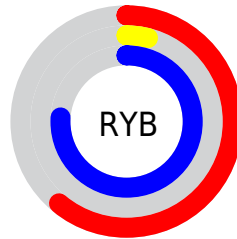
The YUV color **73.9290, 58.7020, 71.9763** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **128.0710, -58.7020, -71.9763**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6800, 52.9088, 63.4246**, and **45.3330, 45.6848, 47.0660** is the 20% darker color. If you saturate the color by 10%, you get **68.0480, 61.6013, 75.3799**, and if you desaturate by 10%, it is **86.2780, 52.6139, 64.6542**.

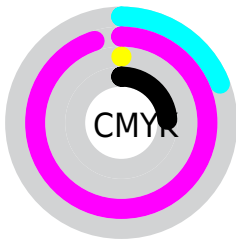
Distribution



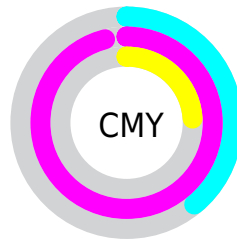
- Red (61%)
- Green (4%)
- Blue (76%)



- Red (61%)
- Yellow (4%)
- Blue (76%)



- Cyan (19%)
- Magenta (95%)
- Yellow (0%)
- Black (24%)



- Cyan (39%)
- Magenta (96%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.9290, 58.7020, 71.9763 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 73.9290, 58.7020, 71.9763 by changing the saturation by 10% instead.

73.9290, 58.7020,
71.9763

73.9290, 58.7020,
71.9763

255.0000, 0.0000,
0.0000

56.7830, 53.3510,
61.5803

142.6800, 52.9088,
63.4246

45.3330, 45.6848,
47.0660

169.2430, 42.2782,
66.4389

33.6980, 38.6029,
31.8369

189.2560, 32.4118,
57.6575

23.0740, 31.5155,
18.3521

206.2790, 24.0195,
42.7283

7.3670, 26.9341,
-5.5839

223.3020, 15.6271,
27.7991

6.2070, 16.1669,
-5.4435

240.3250, 7.2348,

2.5250, 7.1362,

12.8700

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 73.9290, 58.7020,
71.9763

■ 73.9290, 58.7020,
71.9763

■ 68.0480, 61.6013,
75.3799

■ 86.2780, 52.6139,
64.6542

■ 99.2140, 46.2365,
56.8173

■ 111.5630, 40.1484,
49.4952

■ 123.9120, 34.0604,
42.1732

■ 135.9620, 28.1197,
34.2363

■ 148.8980, 21.7423,
26.3995

■ 161.2470, 15.6542,
19.0774

■ 173.5960, 9.5662,
11.7553

■ 186.5320, 3.1887,
3.9184

Harmonies

Analogous

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



78.0700, 80.8175, -68.4674



73.9290, 58.7020, 71.9763



76.8830, 21.7497, 117.6206

Triad

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



73.9290, 58.7020, 71.9763



88.7870, -43.7720, 39.6518



88.3720, 28.9036, -77.5022

Complementary

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



73.9290, 58.7020, 71.9763



128.0710, -58.7020, -71.9763

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.



78.0780, -5.4615, -68.4744



73.9290, 58.7020, 71.9763



80.4610, -39.6673, -17.0673

Square

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



73.9290, 58.7020, 71.9763



70.2890, -34.6525, 101.4785



68.0920, -33.5694, -59.7167



95.5370, 58.8953, -83.7859

Rectangle

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



73.9290, 58.7020, 71.9763



73.5750, -1.2695, 127.5377



68.0920, -33.5694, -59.7167



85.4080, 17.5469, -74.9028

Sweetspot

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



73.9290, 58.7020, 71.9763



202.6640, 23.3366, 28.3587



53.4560, 68.7952, -38.9879



96.4810, 14.0599, 17.1182



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



73.9290, 58.7020, 71.9763



88.3000, 79.7181, 97.9609



79.0640, 30.5344, 99.9219



90.5320, 3.1887, 3.9184



56.6260, 51.4564, 62.5950



11.5360, 10.5818, 12.6849

Inverse Universe

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



68.2340, -10.9614, 109.4198



80.4500, -15.0119, 148.6954



122.9360, -30.5344, -99.9219



90.2180, -0.6005, 5.9478



51.7870, -9.7550, 95.7798



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 73.9290, 58.7020, 71.9763 looks on a white background.

Color Contrast Check

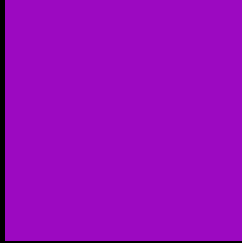
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.9290, 58.7020, 71.9763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

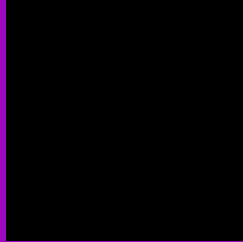
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.9290, 58.7020, 71.9763

Background



This preview shows how black text looks on a background with the YUV color 73.9290, 58.7020, 71.9763.



This preview shows how white text looks on a background with the YUV color 73.9290, 58.7020,

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

73.9290, 58.7020, 71.9763

Deuteranopia

76.3190, 46.1847, -66.9318

Tritanopia

95.7060, -7.2501, 38.8458

Trichromacy



Original Color

73.9290, 58.7020, 71.9763

Deuteranomaly

75.4900, 50.5374, -16.2157

Tritanomaly

88.0860, 16.7196, 50.7906

Monochromacy



Original Color

73.9290, 58.7020, 71.9763

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7840, 21.3055, 26.4994

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.9290, 58.7020, 71.9763 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(156, 9, 193)` looks like.

```
.text, #text, p{  
    color:rgb(156, 9, 193)  
}
```

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(156, 9, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 9, 193) }
```

Border

The CSS property to change the border of an element to YUV 73.9290, 58.7020, 71.9763 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(156, 9, 193) }
```

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

```
.border{ border-color:rgb(156, 9, 193) }
```

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

Here you see how a box with a 4 pixel rgb(156, 9, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 9, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 9, 193);  
box-shadow:4px 4px 4px 4px rgb(156, 9,  
193) }
```


Background

The CSS property to change the background color of an element to YUV 73.9290, 58.7020, 71.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 9, 193) }
```

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

```
.background{ background-color: rgb(156, 9,  
193) }
```

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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