

Converting Colors

YUV(74.3820, 57.9857, 21.5900)

Have a look what the booklet for
YUV(74.3820, 57.9857, 21.5900)
contains.

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Color

**YUV(74.3820, 57.9857,
21.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	6327C0
RGB	99, 39, 192
RGB Percent	39%, 15%, 75%
CMY	0.6118, 0.8471, 0.2471
CMYK	0.48, 0.80, 0.00, 0.25
HSL	264°, 66%, 45%
HSV	264°, 80%, 75%
XYZ	15.3855, 7.9095, 50.5849
YIQ	74.3820, -13.3530, 60.3030

Conversions

Conversions Part 2

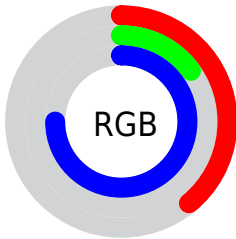
Format	Color
R_{YB}	99, 39, 192
Decimal	6498240
CIE _{Lab}	33.79, 57.87, -69.05
CIE _{LCh}	34, 90.092, 309.966
Yxy	7.9095, 0.2083, 0.1071
Android (android.graphics.Color)	4284688320 (0xFF6327C0)
YUV	74.3820, 57.9857, 21.5900
Hunter-Lab	28.1238, 48.4346, -86.9556

Details

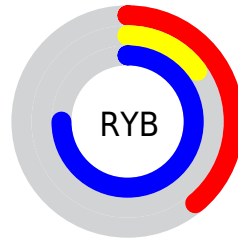
The YUV color **74.3820, 57.9857, 21.5900** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **156.6180, -57.9857, -21.5900**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.7460, 59.2852, 24.7788**, and **25.1860, 55.1243, 5.9759** is the 20% darker color. If you saturate the color by 10%, you get **59.6410, 65.2530, 23.9938**, and if you desaturate by 10%, it is **89.1230, 50.7184, 19.1861**.

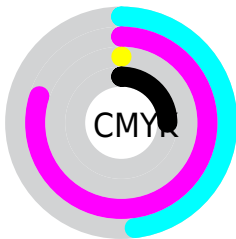
Distribution



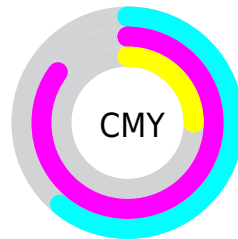
- Red (39%)
- Green (15%)
- Blue (75%)



- Red (39%)
- Yellow (15%)
- Blue (75%)



- Cyan (48%)
- Magenta (80%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (85%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.3820, 57.9857, 21.5900 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 74.3820, 57.9857, 21.5900 by changing the saturation by 10% instead.

74.3820, 57.9857,
21.5900

74.3820, 57.9857,
21.5900

255.0000, 0.0000,
0.0000

41.9630, 60.1642,
22.8344

129.7460, 59.2852,
24.7788

25.1860, 55.1243,
5.9759

154.2490, 49.6702,
28.7226

12.6540, 48.4846,
-11.0976

179.0680, 37.4345,
33.2664

9.6900, 37.1278,
-8.4981

204.4740, 24.9093,
37.2953

10.4760, 24.9083,
-9.1875

223.3020, 15.6271,
27.7991

6.0930, 15.7302,
-5.3436

240.3250, 7.2348,

2.2970, 6.2626,

12.8700

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 74.3820, 57.9857,
21.5900

■ 74.3820, 57.9857,
21.5900

■ 59.6410, 65.2530,
23.9938

■ 89.1230, 50.7184,
19.1861

■ 45.1990, 72.3729,
27.0125

■ 103.5650, 43.5985,
16.1675

■ 44.3130, 72.8097,
26.9125

■ 118.8930, 36.0418,
13.2488

■ 133.6340, 28.7744,
10.8450

■ 148.0760, 21.6545,
7.8263

■ 162.8170, 14.3872,
5.4225

■ 177.5580, 7.1199,
3.0186

■ 192.5870, -0.2894,
-0.5148

■ 207.3280, -7.5567,
-2.9187

Harmonies

Analogous

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



74.9580, 73.9707, -65.7382



74.3820, 57.9857, 21.5900



67.1450, 30.9875, 94.5888

Triad

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



74.3820, 57.9857, 21.5900



73.2370, -36.1058, 54.1662



72.7900, 14.8935, -63.8368

Complementary

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



74.3820, 57.9857, 21.5900



156.6180, -57.9857, -21.5900

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.



62.4960, -19.4715, -54.8090



74.3820, 57.9857, 21.5900



72.6190, -35.8012, 2.9651

Square

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



74.3820, 57.9857, 21.5900



52.9230, -26.0910, 108.8155



56.9390, -28.0709, -49.9355



81.2430, 44.7432, -71.2501

Rectangle

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



74.3820, 57.9857, 21.5900



67.1690, 7.8047, 110.3538



56.9390, -28.0709, -49.9355



69.9400, 3.9736, -61.3374

Sweetspot

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



74.3820, 57.9857, 21.5900



203.7170, 22.8175, 8.1412



111.6200, 39.6273, -63.6877



97.2900, 13.6610, 5.0077



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.



74.3820, 57.9857, 21.5900



65.4660, 90.9753, 33.7943



96.8070, 46.9301, 67.6983



89.3360, 3.7784, 1.4593



37.1910, 61.0378, 22.6345



7.6490, 12.4980, 4.6928

Inverse Universe

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



95.3490, 18.0689, 84.7629



98.4040, 28.3948, 132.9497



134.1930, -46.9301, -67.6983



90.6740, 1.1467, 5.5479



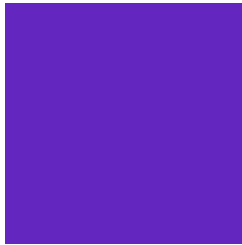
59.3110, 19.0737, 89.1813



12.1470, 3.8715, 18.2881

Previews

White Background



This preview shows how the YUV color 74.3820, 57.9857, 21.5900 looks on a white background.

Color Contrast Check

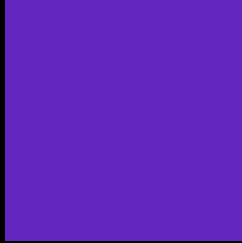
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.3820, 57.9857, 21.5900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

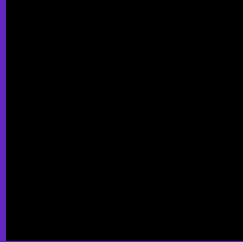
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.3820, 57.9857, 21.5900

Background



This preview shows how black text looks on a background with the YUV color 74.3820, 57.9857, 21.5900.



This preview shows how white text looks on a background with the YUV color 74.3820, 57.9857,

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

74.3820, 57.9857, 21.5900

Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

63.9800, 36.9849, -56.1105



Tritanopia

78.8080, 4.5317, -6.8476

Trichromacy



Original Color

74.3820, 57.9857, 21.5900

Protanomaly

67.4670, 52.0278, -27.5966

Deuteranomaly

67.5180, 44.6076, -27.6413

Tritanomaly

77.3250, 23.9968, 3.2230

Monochromacy



Original Color

74.3820, 57.9857, 21.5900

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9620, 21.2177, 7.9263

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.3820, 57.9857, 21.5900 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(99, 39, 192)` looks like.

```
.text, #text, p{  
    color:rgb(99, 39, 192)  
}
```

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(99, 39, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 39, 192) }
```

Border

The CSS property to change the border of an element to YUV 74.3820, 57.9857, 21.5900 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(99, 39, 192) }
```


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

```
.border{ border-color:rgb(99, 39, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 39, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 39, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 39, 192);  
box-shadow:4px 4px 4px 4px rgb(99, 39,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 74.3820, 57.9857, 21.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 39, 192) }
```

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

```
.background{ background-color: rgb(99, 39,  
192) }
```

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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