

Converting Colors

YUV(73.3890, 70.8002, 18.0758)

Have a look what the booklet for
YUV(73.3890, 70.8002, 18.0758)
contains.

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Color

**YUV(73.3890, 70.8002,
18.0758)**

Conversions

Conversions Part 1

Format	Color
Hex	5E23D9
RGB	94, 35, 217
RGB Percent	37%, 14%, 85%
CMY	0.6314, 0.8627, 0.1490
CMYK	0.57, 0.84, 0.00, 0.15
HSL	259°, 72%, 49%
HSV	259°, 84%, 85%
XYZ	17.7415, 8.5915, 66.3689
YIQ	73.3890, -23.2580, 69.1100

Conversions

Conversions Part 2

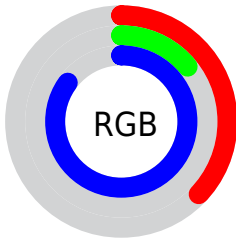
Format	Color
R_{YB}	94, 35, 217
Decimal	6169561
CIE _{Lab}	35.19, 65.12, -81.33
CIE _{LCh}	35, 104.186, 308.687
Yxy	8.5915, 0.1914, 0.0927
Android (android.graphics.Color)	4284359641 (0xFF5E23D9)
YUV	73.3890, 70.8002, 18.0758
Hunter-Lab	29.3113, 56.7477, -113.7312

Details

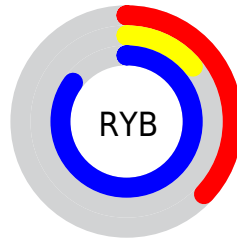
The YUV color **73.3890, 70.8002, 18.0758** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **178.6110, -70.8002, -18.0758**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8430, 62.1954, 24.6937**, and **18.3540, 70.3245, -16.0965** is the 20% darker color. If you saturate the color by 10%, you get **55.9900, 79.3779, 20.1798**, and if you desaturate by 10%, it is **90.7880, 62.2225, 15.9719**.

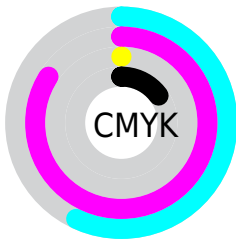
Distribution



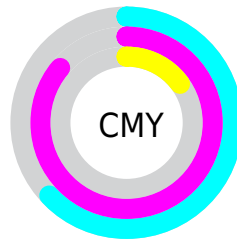
- Red (37%)
- Green (14%)
- Blue (85%)



- Red (37%)
- Yellow (14%)
- Blue (85%)



- Cyan (57%)
- Magenta (84%)
- Yellow (0%)
- Black (15%)



- Cyan (63%)
- Magenta (86%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3890, 70.8002, 18.0758 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 73.3890, 70.8002, 18.0758 by changing the saturation by 10% instead.

■ 73.3890, 70.8002,
18.0758

■ 73.3890, 70.8002,
18.0758

■ 255.0000, 0.0000,
0.0000

■ 39.0730, 73.4210,
17.4760

■ 128.8430, 62.1954,
24.6937

■ 18.3540, 70.3245,
-16.0965

■ 153.6620, 49.9596,
29.2374

■ 15.1620, 58.0941,
-13.2971

■ 178.7800, 37.5765,
34.3959

■ 12.1980, 46.7374,
-10.6976

■ 204.4850, 24.9039,
39.0397

■ 15.2180, 32.9235,
-13.3462

■ 222.7150, 15.9165,
28.3139

■ 9.4330, 23.4505,
-8.2727

■ 239.7380, 7.5242,

■ 5.1640, 14.7091,

13.3848

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 73.3890, 70.8002,
18.0758

■ 73.3890, 70.8002,
18.0758

■ 55.9900, 79.3779,
20.1798

■ 90.7880, 62.2225,
15.9719

■ 45.6680, 84.4667,
21.3392

■ 107.3010, 54.0816,
13.7680

■ 124.7000, 45.5039,
11.6641

■ 142.0990, 36.9262,
9.5602

■ 159.1990, 28.4959,
6.8415

■ 176.0110, 20.2076,
5.2524

■ 193.4100, 11.6299,
3.1484

■ 210.5100, 3.1996,
0.4297

■ 227.3220, -5.0887,
-1.1594

Harmonies

Analogous

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



81.7860, 84.9015, -71.7263



73.3890, 70.8002, 18.0758



73.6390, 35.1810, 102.9256

Triad

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



73.3890, 70.8002, 18.0758



74.4770, -36.7172, 63.6027



76.6540, 14.4676, -67.2256

Complementary

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



73.3890, 70.8002, 18.0758



178.6110, -70.8002, -18.0758

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.



63.4930, -28.3440, -55.6834



73.3890, 70.8002, 18.0758



75.5760, -37.2590, 3.8798

Square

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



73.3890, 70.8002, 18.0758



58.3050, -28.7444, 119.8815



59.8740, -29.5179, -52.5095



87.1760, 49.7062, -76.4534

Rectangle

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



73.3890, 70.8002, 18.0758



73.7620, 8.4983, 121.2347



59.8740, -29.5179, -52.5095



72.7610, 2.0898, -63.8114

Sweetspot

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



73.3890, 70.8002, 18.0758



204.5750, 24.8595, 6.5117



128.5360, 43.6128, -82.0311



97.3330, 15.1188, 4.0930



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



73.3890, 70.8002, 18.0758



53.8870, 99.1487, 25.5321



100.2990, 57.5336, 73.4058



101.1510, 4.3626, 0.7446



36.4660, 67.3113, 17.1313



9.7290, 17.8816, 4.6227

Inverse Universe

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



103.4400, 26.8981, 99.5921



95.8530, 37.5405, 139.5719



151.7010, -57.5336, -73.4058



103.0870, 1.4361, 6.0627



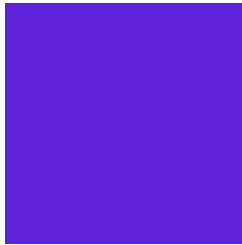
65.0650, 25.6040, 94.6590



17.2880, 6.7600, 25.1804

Previews

White Background



This preview shows how the YUV color 73.3890, 70.8002, 18.0758 looks on a white background.

Color Contrast Check

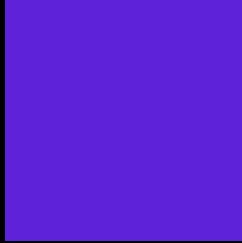
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.3890, 70.8002, 18.0758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

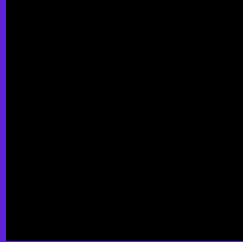
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.3890, 70.8002, 18.0758

Background



This preview shows how black text looks on a background with the YUV color 73.3890, 70.8002, 18.0758.



This preview shows how white text looks on a background with the YUV color 73.3890, 70.8002,

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

73.3890, 70.8002, 18.0758

Protanopia

66.1120, 50.2308, -57.9802

Deuteranopia

66.3110, 38.3007, -58.1547



Tritanopia

77.5390, 9.1013, -25.9057

Trichromacy



Original Color

73.3890, 70.8002, 18.0758

Protanomaly

68.9380, 57.7116, -30.6406

Deuteranomaly

68.9890, 50.2914, -30.6854

Tritanomaly

75.8980, 31.6023, -9.5575

Monochromacy



Original Color

73.3890, 70.8002, 18.0758

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1020, 25.5857, 6.9265

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3890, 70.8002, 18.0758 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(94, 35, 217)` looks like.

```
.text, #text, p{  
    color:rgb(94, 35, 217)  
}
```

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(94, 35, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 35, 217) }
```

Border

The CSS property to change the border of an element to YUV 73.3890, 70.8002, 18.0758 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(94, 35, 217) }
```


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

```
.border{ border-color:rgb(94, 35, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 35, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 35, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 35, 217);  
box-shadow:4px 4px 4px 4px rgb(94, 35,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 73.3890, 70.8002, 18.0758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 35, 217) }
```

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

```
.background{ background-color: rgb(94, 35,  
217) }
```

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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