

Converting Colors

YUV(91.3900, 42.2057, -3.8500)

Have a look what the booklet for
YUV(91.3900, 42.2057, -3.8500)
contains.

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Color

**YUV(91.3900, 42.2057,
-3.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	574DB1
RGB	87, 77, 177
RGB Percent	34%, 30%, 69%
CMY	0.6588, 0.6980, 0.3059
CMYK	0.51, 0.56, 0.00, 0.31
HSL	246°, 39%, 50%
HSV	246°, 56%, 69%
XYZ	14.5202, 10.5083, 42.8580
YIQ	91.3900, -26.1400, 33.2200

Conversions

Conversions Part 2

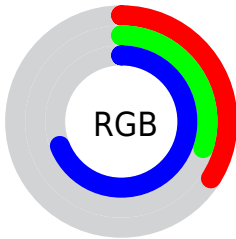
Format	Color
R_{YB}	87, 77, 177
Decimal	5721521
CIE _{Lab}	38.74, 31.34, -52.19
CIE _{LCh}	39, 60.881, 300.984
Yxy	10.5083, 0.2139, 0.1548
Android (android.graphics.Color)	4283911601 (0xFF574DB1)
YUV	91.3900, 42.2057, -3.8500
Hunter-Lab	32.4165, 23.2256, -55.6959

Details

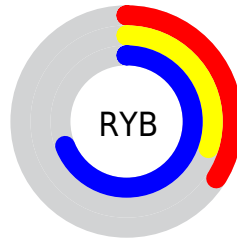
The YUV color $91.3900, 42.2057, -3.8500$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $162.6100, -42.2057, 3.8500$, and the grayscale version is $91.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $143.2810, 44.2315, -0.2464$, and $40.2810, 40.7805, -13.4014$ is the 20% darker color. If you saturate the color by 10%, you get $76.0400, 49.7733, -4.4201$, and if you desaturate by 10%, it is $106.7400, 34.6382, -3.2800$.

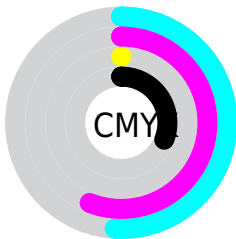
Distribution



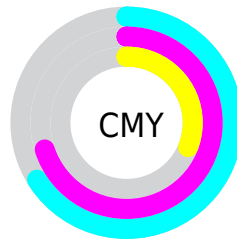
- Red (34%)
- Green (30%)
- Blue (69%)



- Red (34%)
- Yellow (30%)
- Blue (69%)



- Cyan (51%)
- Magenta (56%)
- Yellow (0%)
- Black (31%)



- Cyan (66%)
- Magenta (70%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.3900, 42.2057, -3.8500 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 91.3900, 42.2057, -3.8500 by changing the saturation by 10% instead.

■ 91.3900, 42.2057,
-3.8500

■ 91.3900, 42.2057,
-3.8500

■ 255.0000, 0.0000,
0.0000

■ 66.1400, 41.3430,
-7.1388

■ 143.2810, 44.2315,
-0.2464

■ 40.2810, 40.7805,
-13.4014

■ 169.4230, 42.1895,
1.3830

■ 18.2160, 39.3335,
-15.9754

■ 193.9430, 30.1011,
5.3120

■ 8.4360, 32.3231,
-7.3984

■ 219.0500, 17.7234,
8.7262

■ 8.0480, 20.6823,
-7.0581

■ 243.2600, 5.7878,
10.2960

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,

0.0000

■ 91.3900, 42.2057,
-3.8500

■ 91.3900, 42.2057,
-3.8500

■ 76.0400, 49.7733,
-4.4201

■ 106.7400, 34.6382,
-3.2800

■ 61.2770, 57.0514,
-5.5049

■ 121.5030, 27.3600,
-2.1951

■ 45.9270, 64.6190,
-6.0750

■ 136.8530, 19.7925,
-1.6251

■ 30.5770, 72.1865,
-6.6450

■ 152.2030, 12.2249,
-1.0550

■ 25.5600, 74.6599,
-6.6301

■ 166.9660, 4.9468,
0.0298

■ 182.3160, -2.6208,
0.5999

■ 197.6660,
-10.1883, 1.1699

■ 212.7170,
-17.6085, 1.1252

■ 227.4800,
-24.8866, 2.2100

Harmonies

Analogous

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



78.7130, 55.3575, -69.0313



91.3900, 42.2057, -3.8500



88.9860, 25.1499, 53.5093

Triad

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



91.3900, 42.2057, -3.8500



84.7550, -41.7842, 55.4659



76.2320, 7.7736, -66.8555

Complementary

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



91.3900, 42.2057, -3.8500



162.6100, -42.2057, 3.8500

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.



68.4290, -14.5085, -60.0122



91.3900, 42.2057, -3.8500



85.7200, -42.2600, 21.2936

Square

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



91.3900, 42.2057, -3.8500



80.5110, -17.9999, 80.2359



78.1020, -38.5043, -16.7525



81.8180, 29.1767, -71.7544

Rectangle

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



91.3900, 42.2057, -3.8500



80.1650, 13.7227, 78.7853



78.1020, -38.5043, -16.7525



74.1800, -0.0887, -65.0559

Sweetspot

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



91.3900, 42.2057, -3.8500



195.7560, 16.8823, -1.5400



141.2300, 17.6346, -56.3297



95.2200, 9.7515, -1.0699



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.



91.3900, 42.2057, -3.8500



95.6820, 66.2188, -5.8601



106.3400, 34.8354, 26.8888



81.3250, 3.7838, -0.2850



21.9270, 64.6190, -6.0750



3.8610, 10.9145, -0.7551

Inverse Universe

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



117.1600, 24.5711, 52.4797



136.0170, 38.4456, 82.4231



147.6600, -34.8354, -26.8888



83.6030, 2.1677, 4.7332



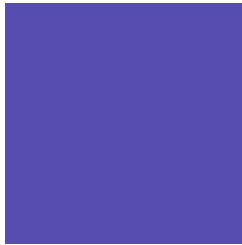
61.4790, 37.7249, 80.2639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 91.3900, 42.2057, -3.8500 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 91.3900, 42.2057, -3.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

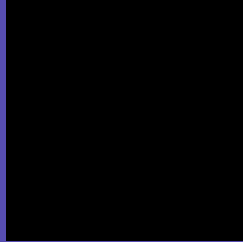
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.3900, 42.2057, -3.8500

Background



This preview shows how black text looks on a background with the YUV color 91.3900, 42.2057, -3.8500.



This preview shows how white text looks on a background with the YUV color 91.3900, 42.2057,

-3.8500.

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

91.3900, 42.2057, -3.8500

Protanopia

72.9740, 56.2148, -63.9982

Deuteranopia

73.1730, 44.2847, -64.1727



Tritanopia

87.3440, 8.2114, -20.4727

Trichromacy



Original Color

91.3900, 42.2057, -3.8500

Protanomaly

79.7380, 50.9082, -41.8662

Deuteranomaly

79.7890, 43.4880, -41.9110

Tritanomaly

88.7050, 20.8514, -14.6503

Monochromacy



Original Color

91.3900, 42.2057, -3.8500

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.3000, 15.1351, -1.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.3900, 42.2057, -3.8500 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(87, 77, 177)` looks like.

```
.text, #text, p{  
    color:rgb(87, 77, 177)  
}
```

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(87, 77, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 77, 177) }
```

Border

The CSS property to change the border of an element to YUV 91.3900, 42.2057, -3.8500 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(87, 77, 177) }
```


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

```
.border{ border-color:rgb(87, 77, 177) }
```

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

Here you see how a box with a 4 pixel rgb(87, 77, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 77, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 77, 177);  
box-shadow:4px 4px 4px 4px rgb(87, 77,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 91.3900, 42.2057, -3.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 77, 177) }
```

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

```
.background{ background-color: rgb(87, 77,  
177) }
```

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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