

Converting Colors

YUV(97.4310, 50.0735, -7.3940)

Have a look what the booklet for
YUV(97.4310, 50.0735, -7.3940)
contains.

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Color

**YUV(97.4310, 50.0735,
-7.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	5952C7
RGB	89, 82, 199
RGB Percent	35%, 32%, 78%
CMY	0.6510, 0.6784, 0.2196
CMYK	0.55, 0.59, 0.00, 0.22
HSL	244°, 51%, 55%
HSV	244°, 59%, 78%
XYZ	17.4459, 12.2820, 55.4840
YIQ	97.4310, -33.3850, 37.8710

Conversions

Conversions Part 2

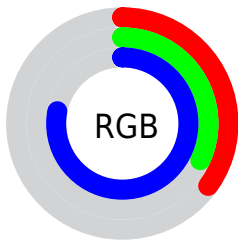
Format	Color
R_{YB}	89, 82, 199
Decimal	5853895
CIE _{Lab}	41.66, 35.62, -60.33
CIE _{LCh}	42, 70.061, 300.556
Yxy	12.2820, 0.2047, 0.1441
Android (android.graphics.Color)	4284043975 (0xFF5952C7)
YUV	97.4310, 50.0735, -7.3940
Hunter-Lab	35.0456, 27.5285, -69.3356

Details

The YUV color **97.4310, 50.0735, -7.3940** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **183.5690, -50.0735, 7.3940**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5070, 51.5150, -3.0756**, and **42.9190, 49.8329, -23.6080** is the 20% darker color. If you saturate the color by 10%, you get **80.0100, 58.6621, -8.7788**, and if you desaturate by 10%, it is **114.8520, 41.4850, -6.0092**.

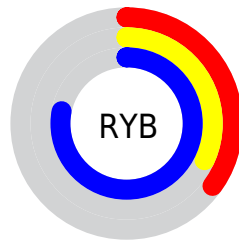
Distribution



Red (35%)

Green (32%)

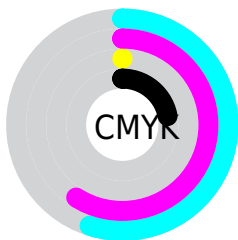
Blue (78%)



Red (35%)

Yellow (32%)

Blue (78%)

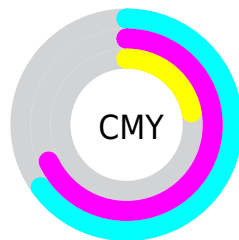


Cyan (55%)

Magenta (59%)

Yellow (0%)

Black (22%)



Cyan (65%)

Magenta (68%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.4310, 50.0735, -7.3940 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 97.4310, 50.0735, -7.3940 by changing the saturation by 10% instead.

■ 97.4310, 50.0735,
-7.3940

■ 97.4310, 50.0735,
-7.3940

■ 255.0000, 0.0000,
0.0000

■ 71.4690, 49.0688,
-11.8123

■ 150.5070, 51.5150,
-3.0756

■ 42.9190, 49.8329,
-23.6080

■ 174.4400, 39.7161,
1.3681

■ 22.8440, 46.9119,
-20.0342

■ 199.2590, 27.4803,
5.9119

■ 10.4880, 40.1854,
-9.1980

■ 224.6650, 14.9552,
9.9408

■ 11.8610, 27.6765,
-10.4021

■ 246.7820, 4.0515,
7.2072

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 97.4310, 50.0735,
-7.3940

■ 97.4310, 50.0735,
-7.3940

■ 80.0100, 58.6621,
-8.7788

■ 114.8520, 41.4850,
-6.0092

■ 62.8880, 67.1032,
-9.5488

■ 131.9740, 33.0438,
-5.2392

■ 45.4670, 75.6918,
-10.9336

■ 149.3950, 24.4553,
-3.8544

■ 28.0460, 84.2803,
-12.3183

■ 166.8160, 15.8667,
-2.4696

■ 26.2740, 85.1539,
-12.5183

■ 184.2370, 7.2782,
-1.0848

■ 200.7720, -0.8736,
0.2000

■ 218.1930, -9.4621,
1.5847

■ 235.6140,
-18.0507, 2.9695

■ 248.6160,
-24.4607, 5.5988

Harmonies

Analogous

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



86.7320, 63.2361, -76.0640



97.4310, 50.0735, -7.3940



93.2460, 30.9377, 63.8053

Triad

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



97.4310, 50.0735, -7.3940



90.4140, -44.5741, 63.6579



82.7860, 7.5005, -72.6033

Complementary

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



97.4310, 50.0735, -7.3940



183.5690, -50.0735, 7.3940

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.



73.8430, -19.1496, -64.7603



97.4310, 50.0735, -7.3940



92.5200, -45.6124, 23.2230

Square

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



97.4310, 50.0735, -7.3940



80.9090, -18.1961, 96.5498



83.0970, -40.9668, -20.2561



89.3980, 32.8348, -78.4020

Rectangle

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



97.4310, 50.0735, -7.3940



73.5990, 22.3827, 101.2067



83.0970, -40.9668, -20.2561



79.8050, -1.3829, -69.9890

Sweetspot

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



97.4310, 50.0735, -7.3940



215.1410, 19.6505, -2.7547



160.4950, 18.9830, -68.8401



102.9040, 12.3723, -1.6698



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.



97.4310, 50.0735, -7.3940



97.9230, 77.4390, -11.3335



114.4740, 41.6713, 27.6483



91.0260, 3.9312, -0.8998



21.5720, 69.7240, -10.1486



4.7020, 15.4299, -2.3697

Inverse Universe

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



129.5230, 30.8012, 60.9313



147.4990, 47.5750, 94.2784



166.5260, -41.6713, -27.6483



93.7170, 2.6045, 4.6332



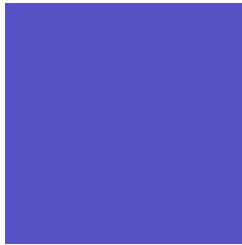
66.1790, 42.8028, 84.9120



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 97.4310, 50.0735, -7.3940 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 97.4310, 50.0735, -7.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

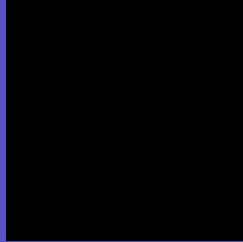
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.4310, 50.0735, -7.3940

Background



This preview shows how black text looks on a background with the YUV color 97.4310, 50.0735, -7.3940.



This preview shows how white text looks on a background with the YUV color 97.4310, 50.0735, -7.3940.

-7.3940.

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

97.4310, 50.0735, -7.3940

Protanopia

78.0920, 60.5936, -68.4867

Deuteranopia

78.5360, 47.0638, -68.8761



Tritanopia

91.9730, 10.8593, -29.7943

Trichromacy



Original Color

97.4310, 50.0735, -7.3940

Protanomaly

85.1980, 56.5974, -46.6546

Deuteranomaly

85.0210, 48.3036, -46.4994

Tritanomaly

94.1000, 25.0937, -22.0127

Monochromacy



Original Color

97.4310, 50.0735, -7.3940

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.3860, 18.0507, -2.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.4310, 50.0735, -7.3940 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(89, 82, 199)` looks like.

```
.text, #text, p{  
    color:rgb(89, 82, 199)  
}
```

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(89, 82, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 82, 199) }
```

Border

The CSS property to change the border of an element to YUV 97.4310, 50.0735, -7.3940 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(89, 82, 199) }
```


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

```
.border{ border-color:rgb(89, 82, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 82, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 82, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 82, 199);  
box-shadow:4px 4px 4px 4px rgb(89, 82,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 97.4310, 50.0735, -7.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 82, 199) }
```

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

```
.background{ background-color: rgb(89, 82,  
199) }
```

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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