

Converting Colors

YUV(103.4300, 34.7910,
-5.6391)

Have a look what the booklet for
YUV(103.4300, 34.7910, -5.6391)
contains.

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Color

**YUV(103.4300, 34.7910,
-5.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	615DAE
RGB	97, 93, 174
RGB Percent	38%, 36%, 68%
CMY	0.6196, 0.6353, 0.3176
CMYK	0.44, 0.47, 0.00, 0.32
HSL	243°, 33%, 52%
HSV	243°, 47%, 68%
XYZ	16.4841, 13.4261, 41.7671
YIQ	103.4300, -23.6170, 26.0390

Conversions

Conversions Part 2

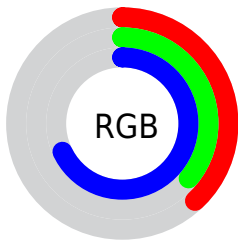
Format	Color
RYB	97, 93, 174
Decimal	6380974
CIELab	43.40, 22.81, -42.91
CIELCh	43, 48.592, 297.992
Yxy	13.4261, 0.2300, 0.1873
Android (android.graphics.Color)	4284571054 (0xFF615DAE)
YUV	103.4300, 34.7910, -5.6391
Hunter-Lab	36.6416, 16.1796, -41.9344

Details

The YUV color **103.4300, 34.7910, -5.6391** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **163.5700, -34.7910, 5.6391**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3100, 36.8222, -3.7799**, and **53.9410, 33.0601, -10.4723** is the 20% darker color. If you saturate the color by 10%, you get **88.3680, 42.2166, -7.3387**, and if you desaturate by 10%, it is **118.4920, 27.3654, -3.9395**.

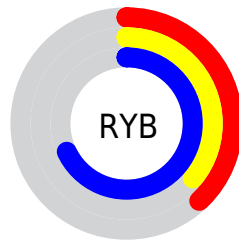
Distribution



Red (38%)

Green (36%)

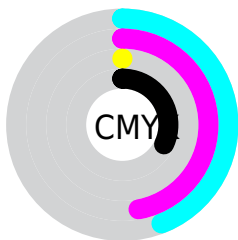
Blue (68%)



Red (38%)

Yellow (36%)

Blue (68%)

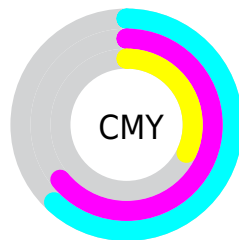


Cyan (44%)

Magenta (47%)

Yellow (0%)

Black (32%)



Cyan (62%)

Magenta (64%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4300, 34.7910, -5.6391 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 103.4300, 34.7910, -5.6391 by changing the saturation by 10% instead.

■ 103.4300, 34.7910,
-5.6391

■ 103.4300, 34.7910,
-5.6391

■ 255.0000, 0.0000,
0.0000

■ 78.1910, 33.9228,
-7.1835

■ 155.3100, 36.8222,
-3.7799

■ 53.9410, 33.0601,
-10.4723

■ 182.3810, 35.8012,
-2.9651

■ 28.0000, 33.5240,
-19.2940

■ 206.9010, 23.7128,
0.9638

■ 9.2680, 30.4339,
-8.1280

■ 232.0080, 11.3351,
4.3780

■ 7.8200, 19.8087,
-6.8581

■ 254.4130, 0.2894,
0.5148

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,

0.0000

■ 103.4300, 34.7910,
-5.6391

■ 103.4300, 34.7910,
-5.6391

■ 88.3680, 42.2166,
-7.3387

■ 118.4920, 27.3654,
-3.9395

■ 73.0180, 49.7841,
-7.9088

■ 133.8420, 19.7979,
-3.3694

■ 57.9560, 57.2097,
-9.6084

■ 148.9040, 12.3723,
-1.6698

■ 42.6060, 64.7772,
-10.1785

■ 164.2540, 4.8048,
-1.0998

■ 27.5440, 72.2028,
-11.8781

■ 179.3160, -2.6208,
0.5999

■ 22.5270, 74.6762,
-11.8632

■ 194.0790, -9.8989,
1.6847

■ 209.7280,
-17.6139, 2.8695

■ 224.4910,
-24.8921, 3.9544

■ 240.1400,
-32.6070, 5.1392

Harmonies

Analogous

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



84.2580, 48.6798, -73.8943



103.4300, 34.7910, -5.6391



104.9210, 20.2519, 37.7803

Triad

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



103.4300, 34.7910, -5.6391



99.4150, -32.7426, 48.7480



82.1990, 7.7899, -72.0885

Complementary

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



103.4300, 34.7910, -5.6391



163.5700, -34.7910, 5.6391

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.



82.0430, -12.3462, -53.5347



103.4300, 34.7910, -5.6391



96.9870, -43.8706, 24.5674

Square

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



103.4300, 34.7910, -5.6391



99.2810, -15.9145, 64.6516



93.0800, -35.0424, -7.0862



86.8730, 25.6986, -76.1876

Rectangle

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



103.4300, 34.7910, -5.6391



102.3550, 8.6990, 56.6937



93.0800, -35.0424, -7.0862



80.6030, 1.6747, -70.6888

Sweetspot

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



103.4300, 34.7910, -5.6391



199.2460, 13.6827, -1.9697



148.0200, 12.8081, -48.2525



97.5790, 8.5886, -1.3848



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.



103.4300, 34.7910, -5.6391



116.2720, 54.5889, -9.0085



115.0910, 29.0421, 18.3372



79.0260, 3.9312, -0.8998



19.1930, 64.4879, -10.6933



2.9210, 9.8989, -1.6847

Inverse Universe

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



125.9970, 21.6935, 42.0986



151.7670, 34.1319, 65.9793



151.9090, -29.0421, -18.3372



81.6030, 2.1677, 4.7332



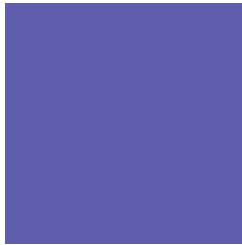
61.1520, 40.3511, 77.9197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 103.4300, 34.7910, -5.6391 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 103.4300, 34.7910, -5.6391 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 103.4300, 34.7910, -5.6391

Background



This preview shows how black text looks on a background with the YUV color 103.4300, 34.7910, -5.6391.



This preview shows how white text looks on a background with the YUV color 103.4300, 34.7910, -5.6391.

-5.6391.

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

103.4300, 34.7910, -5.6391

Protanopia

98.7690, 40.5399, -29.6154

Deuteranopia

96.5140, 37.2146, -36.4078



Tritanopia

100.1380, 7.3270, -16.7840

Trichromacy



Original Color

103.4300, 34.7910, -5.6391

Protanomaly

100.2540, 38.3288, -20.3938

Deuteranomaly

98.7650, 36.5979, -25.2269

Tritanomaly

101.3910, 17.0622, -12.6209

Monochromacy



Original Color

103.4300, 34.7910, -5.6391

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0180, 12.8091, -1.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4300, 34.7910, -5.6391 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(97, 93, 174)` looks like.

```
.text, #text, p{  
    color:rgb(97, 93, 174)  
}
```

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(97, 93, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 93, 174) }
```

Border

The CSS property to change the border of an element to YUV 103.4300, 34.7910, -5.6391 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(97, 93, 174) }
```


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

```
.border{ border-color:rgb(97, 93, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 93, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 93, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 93, 174);  
box-shadow:4px 4px 4px 4px rgb(97, 93,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 103.4300, 34.7910, -5.6391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 93, 174) }
```

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

```
.background{ background-color: rgb(97, 93,  
174) }
```

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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