

Converting Colors

YUV(128.4300, 34.7910,
-5.6391)

Have a look what the booklet for
YUV(128.4300, 34.7910, -5.6391)
contains.

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Color

**YUV(128.4300, 34.7910,
-5.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	7A76C7
RGB	122, 118, 199
RGB Percent	48%, 46%, 78%
CMY	0.5216, 0.5373, 0.2196
CMYK	0.39, 0.41, 0.00, 0.22
HSL	243°, 42%, 62%
HSV	243°, 41%, 78%
XYZ	24.8133, 21.2180, 56.8205
YIQ	128.4300, -23.6170, 26.0390

Conversions

Conversions Part 2

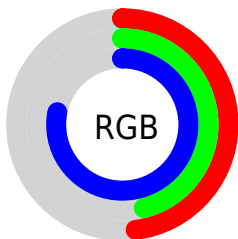
Format	Color
R_{YB}	122, 118, 199
Decimal	8025799
CIE _{Lab}	53.19, 21.34, -41.73
CIE _{LCh}	53, 46.870, 297.083
Yxy	21.2180, 0.2413, 0.2063
Android (android.graphics.Color)	4286215879 (0xFF7A76C7)
YUV	128.4300, 34.7910, -5.6391
Hunter-Lab	46.0630, 15.5445, -40.8925

Details

The YUV color **128.4300, 34.7910, -5.6391** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **188.5700, -34.7910, 5.6391**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.7830, 36.0960, -4.1947**, and **77.9520, 33.0547, -8.7279** is the 20% darker color. If you saturate the color by 10%, you get **111.0090, 43.3796, -7.0239**, and if you desaturate by 10%, it is **145.8510, 26.2025, -4.2543**.

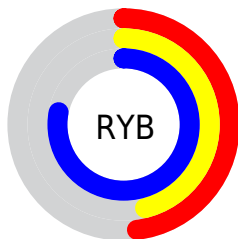
Distribution



Red (48%)

Green (46%)

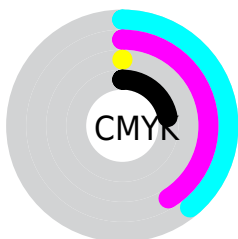
Blue (78%)



Red (48%)

Yellow (46%)

Blue (78%)

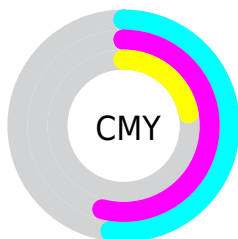


Cyan (39%)

Magenta (41%)

Yellow (0%)

Black (22%)



Cyan (52%)

Magenta (54%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.4300, 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 128.4300, 34.7910, -5.6391 by changing the saturation by 10% instead.

■ 128.4300, 34.7910,
-5.6391

■ 128.4300, 34.7910,
-5.6391

255.0000, 0.0000,
0.0000

■ 102.4900, 33.7754,
-6.5687

■ 181.7830, 36.0960,
-4.1947

■ 77.9520, 33.0547,
-8.7279

■ 206.3030, 24.0076,
-0.2657

■ 53.4140, 32.3339,
-10.8871

■ 231.1110, 11.7773,
2.5337

■ 27.6470, 32.2190,
-20.7384

254.4130, 0.2894,
0.5148

■ 9.0400, 29.5603,
-7.9281

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 128.4300, 34.7910,
-5.6391

■ 128.4300, 34.7910,
-5.6391

■ 111.0090, 43.3796,
-7.0239

■ 145.8510, 26.2025,
-4.2543

■ 93.5880, 51.9681,
-8.4087

■ 163.2720, 17.6139,
-2.8695

■ 76.1670, 60.5567,
-9.7935

■ 180.6930, 9.0254,
-1.4848

■ 58.7460, 69.1452,
-11.1782

■ 198.1140, 0.4368,
-0.1000

■ 41.9120, 77.4444,
-13.0778

■ 215.5350, -8.1518,
1.2848

■ 25.6760, 85.4487,
-13.7479

■ 232.3690,
-16.4509, 3.1844

■ 248.3170,
-24.3133, 4.9840

■ 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.



102.5660, 51.4860, -87.3194



128.4300, 34.7910, -5.6391



131.0950, 19.6732, 36.7507

Triad

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



128.4300, 34.7910, -5.6391



124.9530, -32.0218, 50.9072



100.1970, 10.7489, -87.8728

Complementary

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



128.4300, 34.7910, -5.6391



188.5700, -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.



111.1150, -14.8467, -44.8279



128.4300, 34.7910, -5.6391



123.3230, -40.0922, 26.0267

Square

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



128.4300, 34.7910, -5.6391



126.1670, -16.3513, 64.7515



119.4330, -33.7375, -5.6417



104.2840, 28.9470, -91.4571

Rectangle

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



128.4300, 34.7910, -5.6391



128.6430, 8.5570, 55.5641



119.4330, -33.7375, -5.6417



98.0140, 4.9231, -85.9583

Sweetspot

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



128.4300, 34.7910, -5.6391



228.1320, 13.2459, -1.8698



173.0200, 12.8081, -48.2525



112.3510, 7.7150, -1.1848



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.



128.4300, 34.7910, -5.6391



146.0440, 53.7153, -8.8086



140.0910, 29.0421, 18.3372



91.0260, 3.9312, -0.8998



20.9740, 70.0188, -11.3782



4.7020, 15.4299, -2.3697

Inverse Universe

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



150.9970, 21.6935, 42.0986



180.9410, 33.5531, 64.9497



176.9090, -29.0421, -18.3372



93.7170, 2.6045, 4.6332



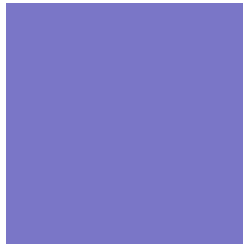
66.4070, 43.6763, 84.7121



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 128.4300, 34.7910, -5.6391 looks on a white background.

Color Contrast Check

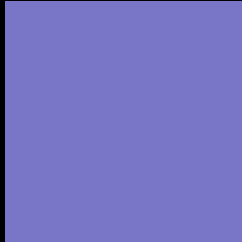
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 128.4300, 34.7910, -5.6391 looks on a black 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

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

YUV 128.4300, 34.7910, -5.6391 Background



This preview shows how black text looks on a background with the YUV color 128.4300, 34.7910, -5.6391.



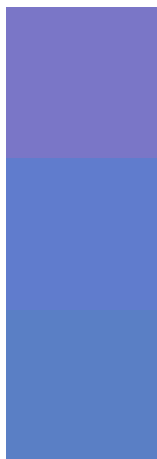
This preview shows how white text looks on a background with the YUV color 128.4300, 34.7910, -5.6391.

-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

128.4300, 34.7910, -5.6391

Protanopia

124.8620, 39.5080, -25.3120

Deuteranopia

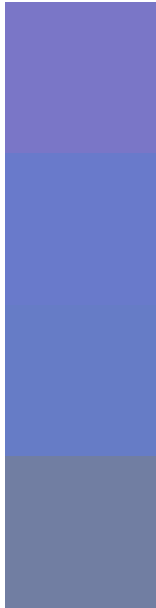
123.9170, 36.0299, -29.7452



Tritanopia

124.6760, 8.0477, -14.6249

Trichromacy



Original Color

128.4300, 34.7910, -5.6391

Protanomaly

126.1510, 37.8866, -18.5494

Deuteranomaly

125.8580, 35.5660, -20.9235

Tritanomaly

126.2170, 17.6410, -11.5913

Monochromacy



Original Color

128.4300, 34.7910, -5.6391

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0180, 12.8091, -1.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4300, 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(122, 118, 199)` looks like.

```
.text, #text, p{  
    color:rgb(122, 118, 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(122, 118, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 118, 199) }
```

Border

The CSS property to change the border of an element to YUV 128.4300, 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(122, 118, 199) }
```


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

```
.border{ border-color:rgb(122, 118, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 118, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 118, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 118, 199);  
box-shadow:4px 4px 4px 4px rgb(122, 118,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 128.4300, 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(122, 118, 199) }
```

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

```
.background{ background-color: rgb(122,  
118, 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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