

Converting Colors

YUV(122.9900, 28.5989,
-26.3012)

Have a look what the booklet for
YUV(122.9900, 28.5989, -26.3012)
contains.

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Color

**YUV(122.9900, 28.5989,
-26.3012)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7FB5
RGB	93, 127, 181
RGB Percent	36%, 50%, 71%
CMY	0.6353, 0.5020, 0.2902
CMYK	0.49, 0.30, 0.00, 0.29
HSL	217°, 37%, 54%
HSV	217°, 49%, 71%
XYZ	20.4441, 20.8421, 46.6615
YIQ	122.9900, -37.5980, 9.5860

Conversions

Conversions Part 2

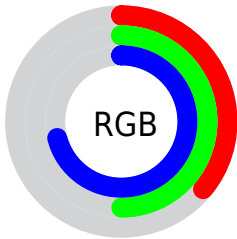
Format	Color
R_{YB}	93, 118, 181
Decimal	6127541
CIE _{Lab}	52.78, 3.13, -32.21
CIE _{LCh}	53, 32.359, 275.552
Yxy	20.8421, 0.2325, 0.2370
Android (android.graphics.Color)	4284317621 (0xFF5D7FB5)
YUV	122.9900, 28.5989, -26.3012
Hunter-Lab	45.6531, 0.0416, -28.6423

Details

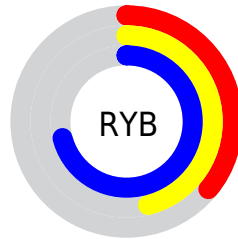
The YUV color **122.9900, 28.5989, -26.3012** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **151.0100, -28.5989, 26.3012**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9300, 29.6145, -25.3716**, and **71.4410, 27.8836, -30.2048** is the 20% darker color. If you saturate the color by 10%, you get **111.1510, 34.4356, -31.7044**, and if you desaturate by 10%, it is **134.8290, 22.7623, -20.8980**.

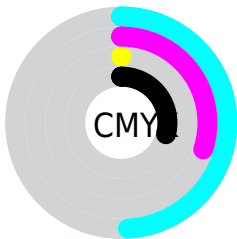
Distribution



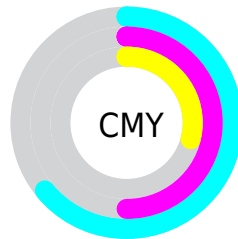
- Red (36%)
- Green (50%)
- Blue (71%)



- Red (36%)
- Yellow (46%)
- Blue (71%)



- Cyan (49%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.9900, 28.5989, -26.3012 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 122.9900, 28.5989, -26.3012 by changing the saturation by 10% instead.

■ 122.9900, 28.5989,
-26.3012

■ 122.9900, 28.5989,
-26.3012

255.0000, 0.0000,
0.0000

■ 97.1640, 28.0201,
-27.3308

■ 176.9300, 29.6145,
-25.3716

■ 71.4410, 27.8836,
-30.2048

■ 202.9040, 25.6833,
-24.4718

■ 44.6140, 28.7843,
-39.1265

■ 228.0110, 13.3056,
-21.0576

■ 29.4370, 23.9416,
-25.8162

■ 248.4220, 3.2430,
-13.5251

■ 13.3140, 20.5512,
-11.6764

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 122.9900, 28.5989,
-26.3012

■ 122.9900, 28.5989,
-26.3012

■ 111.1510, 34.4356,
-31.7044

■ 134.8290, 22.7623,
-20.8980

■ 99.3120, 40.2722,
-37.1076

■ 146.6680, 16.9257,
-15.4948

■ 87.4730, 46.1088,
-42.5108

■ 158.5070, 11.0890,
-10.0916

■ 75.6340, 51.9454,
-47.9140

■ 170.3460, 5.2524,
-4.6884

■ 63.2080, 58.0715,
-52.8024

■ 183.0710, -1.0210,
0.8147

■ 61.7240, 58.8031,
-54.1319

■ 194.9100, -6.8576,
6.2179

■ 206.7490,
-12.6943, 11.6211

■ 218.5880,
-18.5309, 17.0243

■ 230.1280,
-24.2201, 21.8127

Harmonies

Analogous

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



110.3720, 32.3546, -64.3472



122.9900, 28.5989, -26.3012



128.8370, 20.7864, 6.2820

Triad

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



122.9900, 28.5989, -26.3012



127.1490, -15.8495, 43.7193



115.6460, -6.7275, -35.6465

Complementary

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



122.9900, 28.5989, -26.3012



151.0100, -28.5989, 26.3012

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.



120.3690, -19.9019, -9.9706



122.9900, 28.5989, -26.3012



125.4930, -24.4000, 32.8936

Square

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



122.9900, 28.5989, -26.3012



128.4770, -3.1932, 44.3087



123.5030, -26.3770, 13.5909



105.9590, 11.8522, -68.3700

Rectangle

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



122.9900, 28.5989, -26.3012



129.5250, 14.0382, 24.0956



123.5030, -26.3770, 13.5909



117.1480, -11.4120, -26.4398

Sweetspot

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



122.9900, 28.5989, -26.3012



211.3220, 11.6733, -10.8064



150.6980, -2.3161, -50.6011



103.0900, 6.8576, -6.2179



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



122.9900, 28.5989, -26.3012



145.0280, 44.3562, -40.3666



105.7230, 37.1116, -3.2651



83.3740, 2.7736, -2.9590



52.0750, 49.7560, -45.6698



8.8340, 8.4628, -7.7474

Inverse Universe

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



123.1880, 1.8793, 50.7011



145.5920, 2.6661, 78.4108



168.2770, -37.1116, 3.2651



83.1470, 0.4205, 5.1331



52.4730, 3.2178, 88.1622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 122.9900, 28.5989, -26.3012 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 122.9900, 28.5989, -26.3012 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

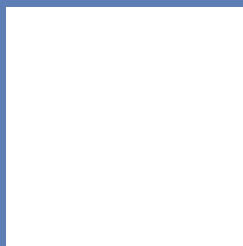
Any Text WCAG AAA × Fail

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

YUV 122.9900, 28.5989, -26.3012 Background



This preview shows how black text looks on a background with the YUV color 122.9900, 28.5989, -26.3012.

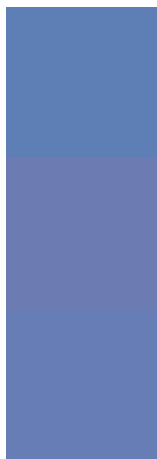


This preview shows how white text looks on a background with the YUV color 122.9900, 28.5989, -26.3012.

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

122.9900, 28.5989, -26.3012

Protanopia

125.3720, 25.9456, -15.2352

Deuteranopia

124.9200, 28.1404, -19.2238



Tritanopia

119.7060, 12.4699, -33.0682

Trichromacy



Original Color

122.9900, 28.5989, -26.3012

Protanomaly

124.5780, 26.8300, -18.9239

Deuteranomaly

124.3110, 28.4407, -22.1977

Tritanomaly

120.6230, 18.4269, -30.3644

Monochromacy



Original Color

122.9900, 28.5989, -26.3012

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.6920, 10.5048, -9.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.9900, 28.5989, -26.3012 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(93, 127, 181)` looks like.

```
.text, #text, p{  
    color:rgb(93, 127, 181)  
}
```

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(93, 127, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 127, 181) }
```

Border

The CSS property to change the border of an element to YUV 122.9900, 28.5989, -26.3012 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(93, 127, 181) }
```


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

```
.border{ border-color:rgb(93, 127, 181) }
```

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

Here you see how a box with a 4 pixel rgb(93, 127, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 127, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 127, 181);  
box-shadow:4px 4px 4px 4px rgb(93, 127,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 122.9900, 28.5989, -26.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 127, 181) }
```

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

```
.background{ background-color: rgb(93, 127,  
181) }
```

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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