

Converting Colors

YUV(122.1800, 36.8863,
-71.1949)

Have a look what the booklet for
YUV(122.1800, 36.8863, -71.1949)
contains.

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Color

**YUV(122.1800, 36.8863,
-71.1949)**

Conversions

Conversions Part 1

Format	Color
Hex	2995C5
RGB	41, 149, 197
RGB Percent	16%, 58%, 77%
CMY	0.8392, 0.4157, 0.2275
CMYK	0.79, 0.24, 0.00, 0.23
HSL	198°, 66%, 47%
HSV	198°, 79%, 77%
XYZ	21.7399, 25.9975, 56.6955
YIQ	122.1800, -79.7760, -7.9680

Conversions

Conversions Part 2

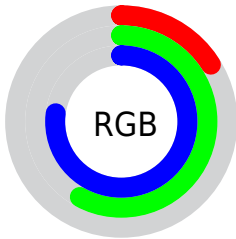
Format	Color
R_{YB}	41, 105, 197
Decimal	2725317
CIE _{Lab}	58.03, -13.33, -33.26
CIE _{LCh}	58, 35.829, 248.151
Yxy	25.9975, 0.2082, 0.2489
Android (android.graphics.Color)	4280915397 (0xFF2995C5)
YUV	122.1800, 36.8863, -71.1949
Hunter-Lab	50.9878, -13.1206, -30.2357

Details

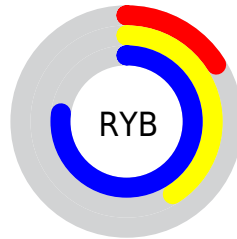
The YUV color **122.1800, 36.8863, -71.1949** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **115.8200, -36.8863, 71.1949**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3060, 35.8381, -61.6584**, and **73.8280, 34.1018, -64.7472** is the 20% darker color. If you saturate the color by 10%, you get **112.6780, 41.5707, -80.4016**, and if you desaturate by 10%, it is **131.6820, 32.2018, -61.9881**.

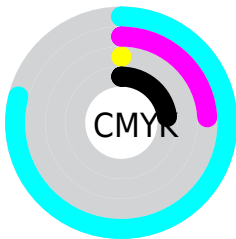
Distribution



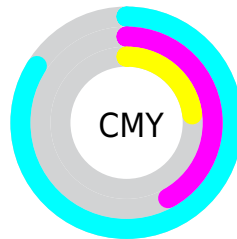
- Red (16%)
- Green (58%)
- Blue (77%)



- Red (16%)
- Yellow (41%)
- Blue (77%)



- Cyan (79%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (84%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1800, 36.8863, -71.1949 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 122.1800, 36.8863, -71.1949 by changing the saturation by 10% instead.

■ 122.1800, 36.8863,
-71.1949

■ 122.1800, 36.8863,
-71.1949

■ 255.0000, 0.0000,
0.0000

■ 91.5810, 38.6606,
-80.3165

■ 181.3060, 35.8381,
-61.6584

■ 73.8280, 34.1018,
-64.7472

■ 206.8260, 23.7498,
-57.7294

■ 57.3630, 29.4010,
-50.3074

■ 229.8840, 12.3822,
-51.6413

■ 41.0120, 25.1371,
-35.9675

■ 239.1530, 7.8126,
-32.5832

■ 25.9490, 20.7311,
-22.7573

■ 248.1230, 3.3904,
-14.1399

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 122.1800, 36.8863,
-71.1949

■ 122.1800, 36.8863,
-71.1949

■ 112.6780, 41.5707,
-80.4016

■ 131.6820, 32.2018,
-61.9881

■ 103.4750, 46.1078,
-88.9936

■ 140.8850, 27.6647,
-53.3961

■ 102.2900, 46.6920,
-89.7083

■ 150.3870, 22.9802,
-44.1894

■ 159.8890, 18.2957,
-34.9827

■ 169.0920, 13.7586,
-26.3907

■ 178.5940, 9.0742,
-17.1839

■ 188.0960, 4.3897,
-7.9772

■ 197.5980, -0.2948,
1.2296

■ 207.3880, -5.1213,
9.3067

Harmonies

Analogous

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



110.5760, 32.7470, -96.9752



122.1800, 36.8863, -71.1949



136.7880, 31.6565, -27.0011

Triad

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



122.1800, 36.8863, -71.1949



141.4670, -4.6672, 50.4564



132.5920, -21.4909, -13.6742

Complementary

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



122.1800, 36.8863, -71.1949



115.8200, -36.8863, 71.1949

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.



135.9930, -29.5765, 13.1611



122.1800, 36.8863, -71.1949



140.0850, -18.7759, 49.0375

Square

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



122.1800, 36.8863, -71.1949



143.4620, 9.6322, 37.3058



139.1790, -28.1892, 34.9230



126.5310, -5.6848, -43.4387

Rectangle

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



122.1800, 36.8863, -71.1949



141.5740, 26.3390, -1.3804



139.1790, -28.1892, 34.9230



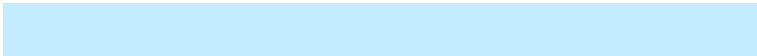
133.7350, -25.0124, -4.1526

Sweetspot

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



122.1800, 36.8863, -71.1949



225.6080, 14.4903, -27.7202



137.9300, -24.6155, -85.0076



109.8930, 8.9268, -16.5692



0.0000, 0.0000, 0.0000



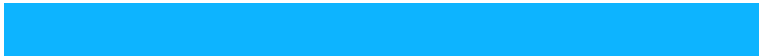
128.0000, 0.0000, 0.0000

Same Dimension

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



122.1800, 36.8863, -71.1949



138.6170, 57.3768, -110.1661



76.9810, 59.1694, -31.5553



94.5480, 2.1948, -3.9886



84.9130, 38.4969, -74.4687



18.7790, 8.4900, -16.4692

Inverse Universe

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



99.9560, 24.1787, 85.1076



104.3960, 37.2728, 132.0797



161.0190, -59.1694, 31.5553



93.3750, 1.2941, 4.9331



61.6190, 25.3308, 88.9111



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 122.1800, 36.8863, -71.1949 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 122.1800, 36.8863, -71.1949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

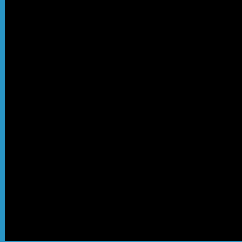
Any Text WCAG AA ✓ Pass

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 122.1800, 36.8863, -71.1949 Background



This preview shows how black text looks on a background with the YUV color 122.1800, 36.8863, -71.1949.

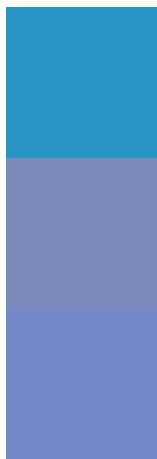


This preview shows how white text looks on a background with the YUV color 122.1800, 36.8863, -71.1949.

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

122.1800, 36.8863, -71.1949

Protanopia

138.8130, 23.7562, -12.9910

Deuteranopia

137.6040, 30.7612, -19.8237



Tritanopia

109.3220, 27.9423, -95.8754

Trichromacy



Original Color

122.1800, 36.8863, -71.1949

Protanomaly

132.6470, 28.7680, -33.8934

Deuteranomaly

131.7650, 33.1469, -38.3819

Tritanomaly

113.8870, 31.1147, -86.7239

Monochromacy



Original Color

122.1800, 36.8863, -71.1949

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.2770, 13.1744, -25.6759

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1800, 36.8863, -71.1949 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(41, 149, 197)` looks like.

```
.text, #text, p{  
    color:rgb(41, 149, 197)  
}
```

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(41, 149, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 149, 197) }
```

Border

The CSS property to change the border of an element to YUV 122.1800, 36.8863, -71.1949 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(41, 149, 197) }
```


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

```
.border{ border-color:rgb(41, 149, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 149, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 149, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 149, 197);  
box-shadow:4px 4px 4px 4px rgb(41, 149,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 122.1800, 36.8863, -71.1949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 149, 197) }
```

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

```
.background{ background-color: rgb(41, 149,  
197) }
```

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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