

Converting Colors

YUV(121.3830, 49.1112,
-72.2499)

Have a look what the booklet for
YUV(121.3830, 49.1112, -72.2499)
contains.

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Color

**YUV(121.3830, 49.1112,
-72.2499)**

Conversions

Conversions Part 1

Format	Color
Hex	2790DD
RGB	39, 144, 221
RGB Percent	15%, 56%, 87%
CMY	0.8471, 0.4353, 0.1333
CMYK	0.82, 0.35, 0.00, 0.13
HSL	205°, 73%, 51%
HSV	205°, 82%, 87%
XYZ	23.8611, 25.5983, 72.0900
YIQ	121.3830, -87.2970, 1.6870

Conversions

Conversions Part 2

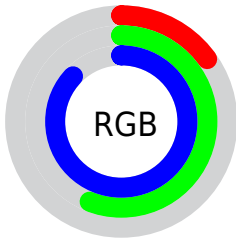
Format	Color
R _Y B	39, 106, 221
Decimal	2592989
CIE Lab	57.65, -2.05, -47.33
CIE LCh	58, 47.370, 267.514
Yxy	25.5983, 0.1963, 0.2106
Android (android.graphics.Color)	4280783069 (0xFF2790DD)
YUV	121.3830, 49.1112, -72.2499
Hunter-Lab	50.5948, -4.3581, -49.0630

Details

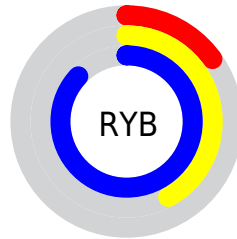
The YUV color **121.3830, 49.1112, -72.2499** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **138.6170, -49.1112, 72.2499**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7950, 37.5691, -56.8252**, and **73.9880, 44.8689, -64.8875** is the 20% darker color. If you saturate the color by 10%, you get **109.5220, 54.9587, -81.1418**, and if you desaturate by 10%, it is **133.2440, 43.2637, -63.3580**.

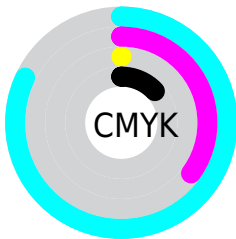
Distribution



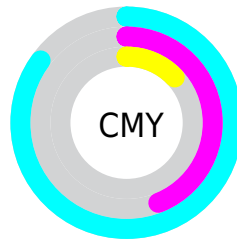
- Red (15%)
- Green (56%)
- Blue (87%)



- Red (15%)
- Yellow (42%)
- Blue (87%)



- Cyan (82%)
- Magenta (35%)
- Yellow (0%)
- Black (13%)



- Cyan (85%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3830, 49.1112, -72.2499 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 121.3830, 49.1112, -72.2499 by changing the saturation by 10% instead.

■ 121.3830, 49.1112,
-72.2499

■ 121.3830, 49.1112,
-72.2499

■ 255.0000, 0.0000,
0.0000

■ 91.8550, 49.8645,
-80.5568

■ 178.7950, 37.5691,
-56.8252

■ 73.9880, 44.8689,
-64.8875

■ 204.7990, 24.7491,
-51.5667

■ 57.5230, 40.1682,
-50.4477

■ 231.0910, 11.7871,
-47.4378

■ 41.6450, 35.1780,
-36.5227

■ 240.6480, 7.0755,
-29.5093

■ 27.0550, 30.0459,
-23.7272

■ 249.9170, 2.5059,
-10.4512

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 121.3830, 49.1112,
-72.2499

■ 121.3830, 49.1112,
-72.2499

■ 109.5220, 54.9587,
-81.1418

■ 133.2440, 43.2637,
-63.3580

■ 99.7430, 59.7797,
-87.4746

■ 145.6920, 37.1268,
-54.9809

■ 157.5530, 31.2794,
-46.0890

■ 169.4140, 25.4319,
-37.1971

■ 182.1610, 19.1476,
-28.2052

■ 194.0220, 13.3002,
-19.3133

■ 205.8830, 7.4527,
-10.4214

■ 218.3310, 1.3158,
-2.0443

■ 230.1920, -4.5317,
6.8476

Harmonies

Analogous

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



114.1100, 46.2878, -100.0745



121.3830, 49.1112, -72.2499



140.2560, 35.3698, -4.6095

Triad

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



121.3830, 49.1112, -72.2499



137.9500, -17.2303, 66.6959



122.4030, -14.9887, -45.9574

Complementary

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



121.3830, 49.1112, -72.2499



138.6170, -49.1112, 72.2499

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.



130.3190, -34.1743, -5.5418



121.3830, 49.1112, -72.2499



137.2090, -33.6270, 52.4367

Square

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



121.3830, 49.1112, -72.2499



140.2650, 1.8414, 62.9116



134.5080, -40.6764, 26.7415



108.6090, 12.5178, -95.2501

Rectangle

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



121.3830, 49.1112, -72.2499



142.9240, 25.6735, 25.4997



134.5080, -40.6764, 26.7415



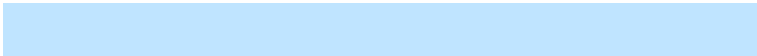
126.1400, -22.7470, -30.8178

Sweetspot

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



121.3830, 49.1112, -72.2499



220.0150, 17.2476, -25.4462



154.4980, -19.4725, -101.2917



106.3600, 10.6685, -15.2247



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.



121.3830, 49.1112, -72.2499



116.8430, 68.1114, -99.8403



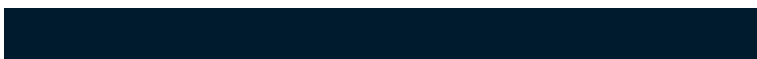
68.5530, 75.1564, -25.9180



103.7760, 3.0684, -4.1886



78.4220, 46.6270, -68.7761



20.5060, 12.5685, -17.9838

Inverse Universe

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



105.3880, 19.0357, 101.3917



94.8780, 26.1891, 140.4270



191.4470, -75.1564, 25.9180



102.9730, 0.9993, 6.1627



63.1270, 18.1784, 96.3586



16.7180, 4.5760, 25.6803

Previews

White Background



This preview shows how the YUV color 121.3830, 49.1112, -72.2499 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 121.3830, 49.1112, -72.2499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

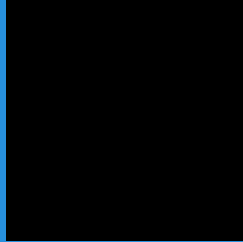
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

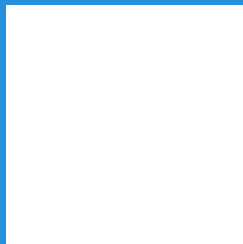
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 121.3830, 49.1112, -72.2499

Background



This preview shows how black text looks on a background with the YUV color 121.3830, 49.1112, -72.2499.

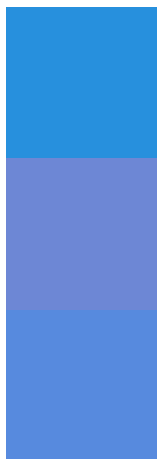


This preview shows how white text looks on a background with the YUV color 121.3830, 49.1112, -72.2499.

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

121.3830, 49.1112, -72.2499

Protanopia

136.1180, 37.9028, -23.7825

Deuteranopia

132.3270, 44.2088, -39.7518



Tritanopia

108.5070, 27.3580, -95.1606

Trichromacy



Original Color

121.3830, 49.1112, -72.2499

Protanomaly

130.7460, 42.0302, -40.9962

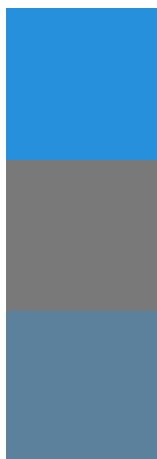
Deuteranomaly

128.4180, 46.1359, -51.2326

Tritanomaly

113.3260, 35.3353, -87.1089

Monochromacy



Original Color

121.3830, 49.1112, -72.2499

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8300, 17.8318, -26.1609

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3830, 49.1112, -72.2499 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(39, 144, 221)` looks like.

```
.text, #text, p{  
    color:rgb(39, 144, 221)  
}
```

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(39, 144, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 144, 221) }
```

Border

The CSS property to change the border of an element to YUV 121.3830, 49.1112, -72.2499 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(39, 144, 221) }
```


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

```
.border{ border-color:rgb(39, 144, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 144, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 144, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 144, 221);  
box-shadow:4px 4px 4px 4px rgb(39, 144,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 121.3830, 49.1112, -72.2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 144, 221) }
```

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

```
.background{ background-color: rgb(39, 144,  
221) }
```

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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