

Converting Colors

YUV(121.5290, 41.1512,
-39.0519)

Have a look what the booklet for
YUV(121.5290, 41.1512, -39.0519)
contains.

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Color

**YUV(121.5290, 41.1512,
-39.0519)**

Conversions

Conversions Part 1

Format	Color
Hex	4D80CD
RGB	77, 128, 205
RGB Percent	30%, 50%, 80%
CMY	0.6980, 0.4980, 0.1961
CMYK	0.62, 0.38, 0.00, 0.20
HSL	216°, 56%, 55%
HSV	216°, 62%, 80%
XYZ	21.7992, 21.4239, 60.7439
YIQ	121.5290, -55.1130, 13.1350

Conversions

Conversions Part 2

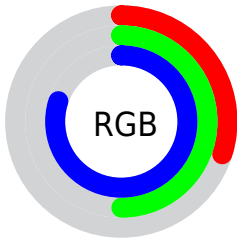
Format	Color
RYB	77, 113, 205
Decimal	5079245
CIELab	53.41, 6.88, -44.97
CIELCh	53, 45.493, 278.693
Yxy	21.4239, 0.2097, 0.2061
Android (android.graphics.Color)	4283269325 (0xFF4D80CD)
YUV	121.5290, 41.1512, -39.0519
Hunter-Lab	46.2860, 3.0673, -45.4097

Details

The YUV color **121.5290, 41.1512, -39.0519** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **160.4710, -41.1512, 39.0519**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3940, 39.2458, -34.5485**, and **63.4730, 42.6578, -55.6658** is the 20% darker color. If you saturate the color by 10%, you get **108.5050, 47.5720, -45.1699**, and if you desaturate by 10%, it is **134.8520, 34.5830, -32.3192**.

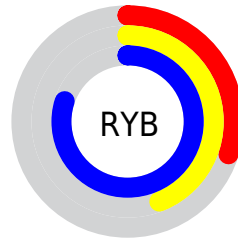
Distribution



Red (30%)

Green (50%)

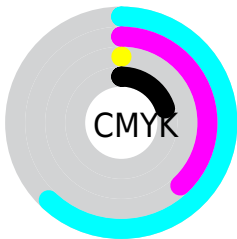
Blue (80%)



Red (30%)

Yellow (44%)

Blue (80%)

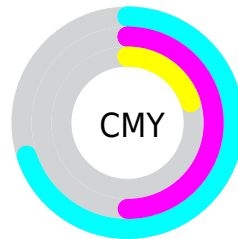


Cyan (62%)

Magenta (38%)

Yellow (0%)

Black (20%)



Cyan (70%)

Magenta (50%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5290, 41.1512, -39.0519 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 121.5290, 41.1512, -39.0519 by changing the saturation by 10% instead.

■ 121.5290, 41.1512,
-39.0519

■ 121.5290, 41.1512,
-39.0519

■ 255.0000, 0.0000,
0.0000

■ 93.4960, 41.1675,
-44.2850

■ 175.3940, 39.2458,
-34.5485

■ 63.4730, 42.6578,
-55.6658

■ 200.5010, 26.8680,
-31.1344

■ 47.5950, 37.6677,
-41.7408

■ 225.9070, 14.3428,
-27.1054

■ 32.4180, 32.8249,
-28.4306

■ 245.7310, 4.5696,
-19.0581

■ 17.2410, 27.9822,
-15.1204

■ 254.7010, 0.1474,
-0.6148

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 121.5290, 41.1512,
-39.0519

■ 121.5290, 41.1512,
-39.0519

■ 108.5050, 47.5720,
-45.1699

■ 134.8520, 34.5830,
-32.3192

■ 94.5950, 54.4297,
-51.3878

■ 148.4630, 27.8727,
-26.7161

■ 81.5710, 60.8505,
-57.5058

■ 161.7860, 21.3045,
-19.9833

■ 71.5040, 65.8135,
-62.7090

■ 174.8100, 14.8837,
-13.8654

■ 188.7200, 8.0260,
-7.6474

■ 201.7440, 1.6052,
-1.5295

■ 215.0670, -4.9630,
5.2032

■ 228.6780,
-11.6733, 10.8064

■ 239.9080,
-17.2096, 13.2357

Harmonies

Analogous

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



104.3930, 47.1343, -91.5527



121.5290, 41.1512, -39.0519



131.2320, 28.4796, 12.0745

Triad

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



121.5290, 41.1512, -39.0519



126.8260, -22.5922, 59.7886



105.5560, -3.7251, -65.3856

Complementary

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



121.5290, 41.1512, -39.0519



160.4710, -41.1512, 39.0519

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.



117.7780, -27.0056, -18.2223



121.5290, 41.1512, -39.0519



124.9750, -35.4837, 41.2409

Square

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



121.5290, 41.1512, -39.0519



127.8430, -4.8526, 63.2817



122.5280, -37.7283, 14.4459



102.0210, 17.7376, -89.4724

Rectangle

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



121.5290, 41.1512, -39.0519



131.1660, 18.6522, 37.5654



122.5280, -37.7283, 14.4459



112.1580, -13.3889, -45.7426

Sweetspot

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



121.5290, 41.1512, -39.0519



223.6250, 15.4679, -14.5801



160.9140, -3.4086, -73.5926



108.4640, 9.6312, -9.1769



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.



121.5290, 41.1512, -39.0519



130.3860, 61.4347, -58.2205



95.4790, 53.9939, -4.8051



95.4880, 3.2104, -3.0590



57.6660, 53.4087, -50.5731



13.1370, 12.2575, -11.5211

Inverse Universe

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



121.0860, 3.4086, 73.5926



129.7730, 5.0419, 109.8241



186.5210, -53.9939, 4.8051



95.4460, 0.2731, 5.7479



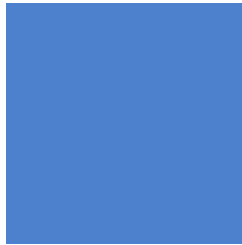
57.1580, 4.3591, 95.4544



13.0720, 0.9505, 21.8619

Previews

White Background



This preview shows how the YUV color 121.5290, 41.1512, -39.0519 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 121.5290, 41.1512, -39.0519 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 121.5290, 41.1512, -39.0519

Background



This preview shows how black text looks on a background with the YUV color 121.5290, 41.1512, -39.0519.



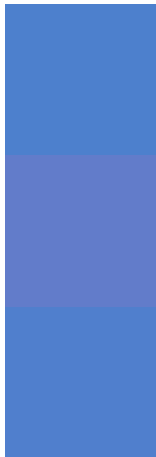
This preview shows how white text looks on a background with the YUV color 121.5290, 41.1512, -39.0519.

-39.0519.

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

121.5290, 41.1512, -39.0519

Protanopia

125.1180, 37.9028, -23.7825

Deuteranopia

121.8390, 40.9984, -36.6928



Tritanopia

113.7570, 18.3608, -55.9149

Trichromacy



Original Color

121.5290, 41.1512, -39.0519

Protanomaly

123.4270, 39.2295, -29.3155

Deuteranomaly

121.5400, 41.1458, -37.3076

Tritanomaly

116.6790, 26.7803, -49.7075

Monochromacy



Original Color

121.5290, 41.1512, -39.0519

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8100, 14.8837, -13.8654

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5290, 41.1512, -39.0519 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(77, 128, 205)` looks like.

```
.text, #text, p{  
    color:rgb(77, 128, 205)  
}
```

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(77, 128, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 128, 205) }
```

Border

The CSS property to change the border of an element to YUV 121.5290, 41.1512, -39.0519 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(77, 128, 205) }
```


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

```
.border{ border-color:rgb(77, 128, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 128, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 128, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 128, 205);  
box-shadow:4px 4px 4px 4px rgb(77, 128,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 121.5290, 41.1512, -39.0519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 128, 205) }
```

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

```
.background{ background-color: rgb(77, 128,  
205) }
```

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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