

Converting Colors

YUV(120.8390, -19.6406,
-47.2168)

Have a look what the booklet for
YUV(120.8390, -19.6406, -47.2168)
contains.

YUV(120.8390, -19.6406, -47.2168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.8390, -19.6406,
-47.2168)**

Conversions

Conversions Part 1

Format	Color
Hex	439C51
RGB	67, 156, 81
RGB Percent	26%, 61%, 32%
CMY	0.7373, 0.3882, 0.6824
CMYK	0.57, 0.00, 0.48, 0.39
HSL	129°, 40%, 44%
HSV	129°, 57%, 61%
XYZ	15.6884, 25.5643, 11.8921
YIQ	120.8390, -28.9690, -42.1930

Conversions

Conversions Part 2

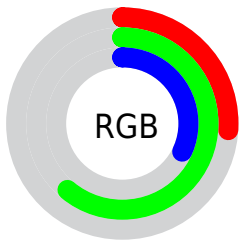
Format	Color
RYB	67, 144, 156
Decimal	4430929
CIELab	57.62, -43.06, 31.33
CIElCh	58, 53.252, 143.959
Yxy	25.5643, 0.2952, 0.4810
Android (android.graphics.Color)	4282621009 (0xFF439C51)
YUV	120.8390, -19.6406, -47.2168
Hunter-Lab	50.5612, -33.0960, 21.4476

Details


The YUV color **120.8390, -19.6406, -47.2168** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **102.1610, 19.6406, 47.2168**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6820, -21.5352, -46.2021**, and **64.8100, -15.6823, -56.8384** is the 20% darker color. If you saturate the color by 10%, you get **114.5730, -22.9605, -55.7535**, and if you desaturate by 10%, it is **127.1050, -16.3208, -38.6801**.

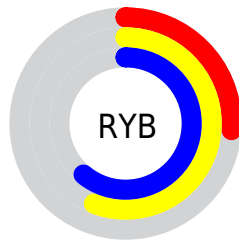
Distribution



 Red (26%)

 Green (61%)

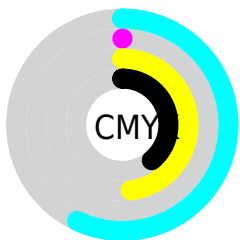
 Blue (32%)




 Red (26%)

 Yellow (56%)

 Blue (61%)

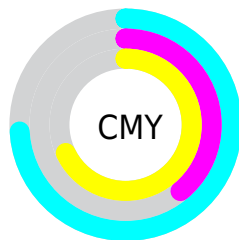



 Cyan (57%)


 Magenta (0%)

 Yellow (48%)

 Black (39%)



 Cyan (74%)

 Magenta (39%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8390, -19.6406, -47.2168 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 120.8390, -19.6406, -47.2168 by changing the saturation by 10% instead.

■ 120.8390,
-19.6406, -47.2168

■ 120.8390,
-19.6406, -47.2168

■ 255.0000, 0.0000,
0.0000

■ 93.2840, -17.8880,
-49.3611

■ 175.6820,
-21.5352, -46.2021

■ 64.8100, -15.6823,
-56.8384

■ 203.7420,
-22.5508, -47.1317

■ 47.3990, -18.9307,
-41.5689

■ 224.2960,
-19.3729, -39.7246

■ 32.2850, -15.9165,
-28.3139

■ 235.8600,
-11.2700, -25.3102

■ 19.9580, -9.8393,
-17.5032

■ 248.1360, -3.0250,
-9.7663

■ 0.0000, 0.0000,
0.0000

■ 120.8390,
-19.6406, -47.2168

■ 120.8390,
-19.6406, -47.2168

■ 114.5730,
-22.9605, -55.7535

■ 127.1050,
-16.3208, -38.6801

■ 108.6060,
-26.4278, -63.6755

■ 133.0720,
-12.8535, -30.7581

■ 102.3400,
-29.7476, -72.2122

■ 139.3380, -9.5336,
-22.2214

■ 96.2590, -33.6517,
-80.0341

■ 145.4190, -5.6296,
-14.3995

■ 94.4220, -34.2250,
-82.8081


■ 151.6850, -2.3097,
-5.8627

■ 157.9510, 1.0102,
2.6740

■ 163.9180, 4.4774,
10.5959

■ 170.1840, 7.7973,

19.1326

 176.1510, 11.2646,
27.0546

Harmonies

Analogous

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



129.5060, -41.1685, -2.1978



120.8390, -19.6406, -47.2168



108.3980, 9.1708, -95.0650

Triad

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



120.8390, -19.6406, -47.2168



112.0360, 58.6493, -98.2556



136.5320, -16.5313, 75.8324

Complementary

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



120.8390, -19.6406, -47.2168



102.1610, 19.6406, 47.2168

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.



139.2210, 5.3140, 69.0892



120.8390, -19.6406, -47.2168



138.6230, 42.0909, -13.7014

Square

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



120.8390, -19.6406, -47.2168



116.4410, 47.6036, -102.1188



142.3000, 25.4881, 38.3249



136.0960, -35.5433, 60.4288

Rectangle

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



120.8390, -19.6406, -47.2168



112.6330, 22.8589, -98.7791



142.3000, 25.4881, 38.3249



136.7800, -9.2585, 76.4919

Sweetspot

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



120.8390, -19.6406, -47.2168



190.2290, -7.5079, -18.6178



141.9670, -36.9587, 0.9059



94.0820, -4.4774, -10.5959



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



120.8390, -19.6406, -47.2168



149.1010, -30.6158, -73.7566



125.8550, -0.4215, -51.6158



75.8100, -1.8783, -4.2184



86.4490, -31.7734, -75.8158



9.0330, -3.4673, -7.9219

Inverse Universe

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



102.1610, 19.6406, 47.2168



119.8990, 30.6158, 73.7566



97.1450, 0.4215, 51.6158



74.1900, 1.8783, 4.2184



56.4370, 31.3366, 75.9158



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 120.8390, -19.6406, -47.2168 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 120.8390, -19.6406, -47.2168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

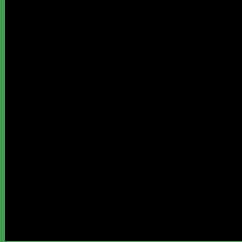
Any Text WCAG AA ✓ Pass

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 120.8390, -19.6406, -47.2168 Background



This preview shows how black text looks on a background with the YUV color 120.8390, -19.6406, -47.2168.



This preview shows how white text looks on a background with the YUV color 120.8390, -19.6406, -47.2168.

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

120.8390, -19.6406, -47.2168

Protanopia

134.5910, -29.8714, 14.3907

Deuteranopia

136.4490, -24.3784, 25.9162



Tritanopia

130.4280, 14.0860, -38.0864

Trichromacy



Original Color

120.8390, -19.6406, -47.2168

Protanomaly

129.7730, -26.0171, -8.5709

Deuteranomaly

130.7400, -22.5498, -0.6490

Tritanomaly

126.9040, 2.0193, -41.1348

Monochromacy



Original Color

120.8390, -19.6406, -47.2168

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9410, -7.3659, -17.4883

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8390, -19.6406, -47.2168 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(67, 156, 81)` looks like.

```
.text, #text, p{  
    color:rgb(67, 156, 81)  
}
```

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(67, 156, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 156, 81) }
```

Border

The CSS property to change the border of an element to YUV 120.8390, -19.6406, -47.2168 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(67, 156, 81) }
```


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

```
.border{ border-color:rgb(67, 156, 81) }
```

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

Here you see how a box with a 4 pixel rgb(67, 156, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 156, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 156, 81);  
box-shadow:4px 4px 4px 4px rgb(67, 156,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 120.8390, -19.6406, -47.2168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 156, 81) }
```

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

```
.background{ background-color: rgb(67, 156,  
81) }
```

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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