

Converting Colors

YUV(115.3130, -21.8463,
-39.7395)

Have a look what the booklet for
YUV(115.3130, -21.8463, -39.7395)
contains.

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Color

**YUV(115.3130, -21.8463,
-39.7395)**

Conversions

Conversions Part 1

Format	Color
Hex	469347
RGB	70, 147, 71
RGB Percent	27%, 58%, 28%
CMY	0.7255, 0.4235, 0.7216
CMYK	0.52, 0.00, 0.52, 0.42
HSL	121°, 35%, 43%
HSV	121°, 52%, 58%
XYZ	14.0968, 22.6245, 9.5852
YIQ	115.3130, -21.4960, -39.9600

Conversions

Conversions Part 2

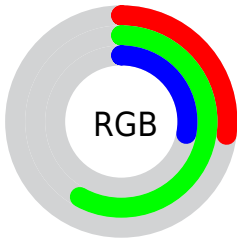
Format	Color
RYB	70, 146, 147
Decimal	4625223
CIELab	54.68, -40.00, 32.90
CIELCh	55, 51.794, 140.567
Yxy	22.6245, 0.3044, 0.4886
Android (android.graphics.Color)	4282815303 (0xFF469347)
YUV	115.3130, -21.8463, -39.7395
Hunter-Lab	47.5652, -30.3372, 21.3477

Details


The YUV color **115.3130, -21.8463, -39.7395** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **101.6870, 21.8463, 39.7395**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4440, -23.8829, -39.8544**, and **59.2840, -17.8880, -49.3611** is the 20% darker color. If you saturate the color by 10%, you get **109.1180, -26.1872, -47.4615**, and if you desaturate by 10%, it is **121.5080, -17.5054, -32.0175**.

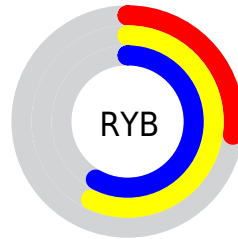
Distribution



 Red (27%)

 Green (58%)

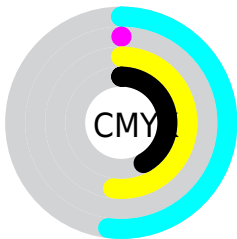
 Blue (28%)




 Red (27%)

 Yellow (57%)

 Blue (58%)

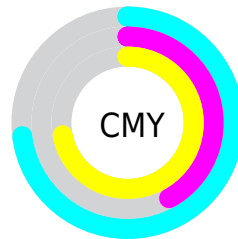


 Cyan (52%)


 Magenta (0%)

 Yellow (52%)

 Black (42%)



 Cyan (73%)

 Magenta (42%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.3130, -21.8463, -39.7395 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 115.3130, -21.8463, -39.7395 by changing the saturation by 10% instead.

■ 115.3130,
-21.8463, -39.7395

■ 115.3130,
-21.8463, -39.7395

■ 255.0000, 0.0000,
0.0000

■ 88.9430, -20.6779,
-41.1690

■ 169.4440,
-23.8829, -39.8544

■ 59.2840, -17.8880,
-49.3611

■ 197.2160,
-24.7565, -39.6544

■ 41.6770, -20.5468,
-36.5507

■ 223.3410,
-24.3251, -38.0101

■ 28.1760, -13.8908,
-24.7104

■ 234.9050,
-16.2222, -23.5957

■ 14.6750, -7.2348,
-12.8700

■ 246.7680, -8.2666,
-8.5665

■ 0.0000, 0.0000,
0.0000

■ 115.3130,
-21.8463, -39.7395

■ 115.3130,
-21.8463, -39.7395

■ 109.1180,
-26.1872, -47.4615

■ 121.5080,
-17.5054, -32.0175

■ 103.3360,
-30.2386, -54.6687

■ 127.2900,
-13.4540, -24.8103

■ 97.1410, -34.5795,
-62.3907

■ 133.4850, -9.1131,
-17.0883

■ 91.0600, -38.4836,
-70.2126

■ 139.5660, -5.2090,
-9.2664

■ 86.5170, -41.6669,
-75.8754

■ 145.7610, -0.8682,
-1.5444

■ 151.5430, 3.1833,
5.6628

■ 157.7380, 7.5242,
13.3848

■ 163.8190, 11.4282,

21.2067

■ 169.7150, 15.9165,
28.3139

Harmonies

Analogous

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



122.8270, -41.3267, 1.9057



115.3130, -21.8463, -39.7395



102.3340, 6.2443, -89.7469

Triad

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



115.3130, -21.8463, -39.7395



107.1460, 55.1440, -93.9670



129.3190, -13.4683, 73.3882

Complementary

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



115.3130, -21.8463, -39.7395



101.6870, 21.8463, 39.7395

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.



131.4700, 7.6563, 64.4858



115.3130, -21.8463, -39.7395



129.8780, 41.9651, -20.0640

Square

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



115.3130, -21.8463, -39.7395



110.1490, 43.8035, -96.6007



134.7830, 26.2360, 31.7623



128.6060, -32.3438, 60.8585

Rectangle

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



115.3130, -21.8463, -39.7395



106.4550, 19.4957, -93.3610



134.7830, 26.2360, 31.7623



129.8550, -6.3375, 72.9182

Sweetspot

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



115.3130, -21.8463, -39.7395



178.6100, -8.6817, -15.4440



138.2220, -33.6334, 7.6983



89.2670, -5.0616, -9.8812



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



115.3130, -21.8463, -39.7395



141.5540, -34.2901, -61.8759



119.6450, -5.2480, -43.5387



71.1090, -2.0257, -3.6036



81.2340, -39.0624, -71.2422



5.8700, -2.8939, -5.1480

Inverse Universe

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



101.6870, 21.8463, 39.7395



120.4460, 34.2901, 61.8759



97.4690, 5.6848, 43.4387



69.8910, 2.0257, 3.6036



56.7660, 39.0624, 71.2422



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 115.3130, -21.8463, -39.7395 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 115.3130, -21.8463, -39.7395 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 115.3130, -21.8463, -39.7395 Background



This preview shows how black text looks on a background with the YUV color 115.3130, -21.8463, -39.7395.



This preview shows how white text looks on a background with the YUV color 115.3130, -21.8463, -39.7395.

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

115.3130, -21.8463, -39.7395

Protanopia

126.7760, -30.4556, 15.1054

Deuteranopia

128.8080, -25.5413, 25.6014



Tritanopia

124.1190, 12.7593, -32.5534

Trichromacy



Original Color

115.3130, -21.8463, -39.7395

Protanomaly

122.4530, -27.3383, -4.7823

Deuteranomaly

123.7080, -24.0130, 2.0101

Tritanomaly

120.7800, 0.1085, -34.8871

Monochromacy



Original Color

115.3130, -21.8463, -39.7395

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.4360, -8.1029, -14.4144

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3130, -21.8463, -39.7395 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(70, 147, 71)` looks like.

```
.text, #text, p{  
    color:rgb(70, 147, 71)  
}
```

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(70, 147, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 147, 71) }
```

Border

The CSS property to change the border of an element to YUV 115.3130, -21.8463, -39.7395 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(70, 147, 71) }
```


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

```
.border{ border-color:rgb(70, 147, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 147, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 147, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 147, 71);  
box-shadow:4px 4px 4px 4px rgb(70, 147,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 115.3130, -21.8463, -39.7395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 147, 71) }
```

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

```
.background{ background-color: rgb(70, 147,  
71) }
```

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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