

Converting Colors

YUV(171.3730, -56.3859,
-21.3751)

Have a look what the booklet for
YUV(171.3730, -56.3859, -21.3751)
contains.

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Color

**YUV(171.3730, -56.3859,
-21.3751)**

Conversions

Conversions Part 1

Format	Color
Hex	93CE39
RGB	147, 206, 57
RGB Percent	58%, 81%, 22%
CMY	0.4235, 0.1922, 0.7765
CMYK	0.29, 0.00, 0.72, 0.19
HSL	84°, 60%, 52%
HSV	84°, 72%, 81%
XYZ	34.8424, 50.6411, 11.8092
YIQ	171.3730, 12.6650, -58.8470

Conversions

Conversions Part 2

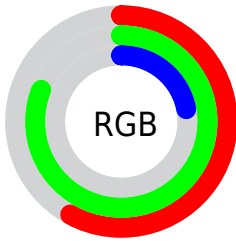
Format	Color
RYB	57, 206, 116
Decimal	9686585
CIELab	76.46, -40.70, 64.04
CIELCh	76, 75.874, 122.436
Yxy	50.6411, 0.3581, 0.5205
Android (android.graphics.Color)	4287876665 (0xFF93CE39)
YUV	171.3730, -56.3859, -21.3751
Hunter-Lab	71.1625, -37.1377, 39.9748

Details

The YUV color **171.3730, -56.3859, -21.3751** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **91.6270, 56.3859, 21.3751**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8620, -54.6550, -16.5420**, and **115.8460, -57.1121, -21.7899** is the 20% darker color. If you saturate the color by 10%, you get **166.5870, -64.3794, -24.1938**, and if you desaturate by 10%, it is **176.1590, -48.3924, -18.5564**.

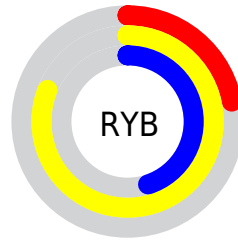
Distribution



Red (58%)

Green (81%)

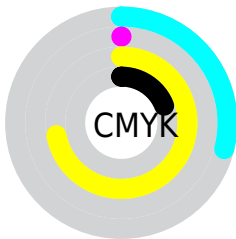
Blue (22%)



Red (22%)

Yellow (81%)

Blue (45%)

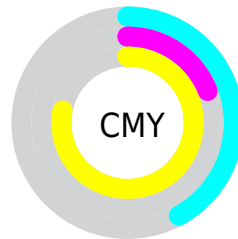


Cyan (29%)

Magenta (0%)

Yellow (72%)

Black (19%)



Cyan (42%)

Magenta (19%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.3730, -56.3859, -21.3751 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 171.3730, -56.3859, -21.3751 by changing the saturation by 10% instead.

■ 171.3730,
-56.3859, -21.3751

■ 171.3730,
-56.3859, -21.3751

■ 255.0000, 0.0000,
0.0000

■ 142.6890,
-59.0067, -20.7753

■ 223.8620,
-54.6550, -16.5420

■ 115.8460,
-57.1121, -21.7899

■ 235.7250,
-46.6994, -1.5128

■ 91.9130, -45.3131,
-26.2337

■ 245.1960,
-37.5646, 8.5981

■ 68.5670, -33.8035,
-31.1923

■ 248.5020,
-24.8975, 5.6987

■ 44.0250, -21.7043,
-38.6099

■ 251.8080,
-12.2303, 2.7994

■ 30.5240, -15.0483,
-26.7695

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 171.3730,
-56.3859, -21.3751

■ 171.3730,
-56.3859, -21.3751

■ 166.5870,
-64.3794, -24.1938

■ 176.1590,
-48.3924, -18.5564

■ 161.9150,
-71.9361, -27.1125

■ 180.8310,
-40.8357, -15.6378

■ 157.9980,
-77.8930, -29.8162

■ 185.6170,
-32.8422, -12.8191

■ 190.5880,
-25.4329, -9.2857

■ 195.3740,
-17.4394, -6.4670

■ 200.1600, -9.4459,
-3.6483

■ 204.8320, -1.8892,
-0.7297

■ 209.6180, 6.1043,
2.0890

■ 214.2900, 13.6610,
5.0077

Harmonies

Analogous

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



177.2310, -77.5149, 35.7544



171.3730, -56.3859, -21.3751



141.0590, -10.3821, -123.7087

Triad

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



171.3730, -56.3859, -21.3751



154.1010, 49.7432, -135.1466



167.3020, 9.2181, 76.9111

Complementary

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



171.3730, -56.3859, -21.3751



91.6270, 56.3859, 21.3751

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.



185.1470, 34.4375, 61.2611



171.3730, -56.3859, -21.3751



143.5350, 54.9522, -125.8802

Square

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



171.3730, -56.3859, -21.3751



158.7970, 47.4281, -139.2650



185.7030, 34.1634, 9.0305



167.0670, -24.6830, 77.1172

Rectangle

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



171.3730, -56.3859, -21.3751



148.8790, 9.4267, -130.5669



185.7030, 34.1634, 9.0305



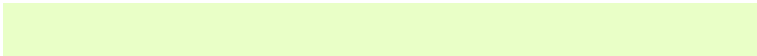
171.7990, 18.8331, 72.9673

Sweetspot

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



171.3730, -56.3859, -21.3751



242.0380, -21.2177, -7.9263



135.0100, -38.4589, 62.2582



119.9380, -12.7874, -5.2076



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.



171.3730, -56.3859, -21.3751



203.3800, -83.9973, -31.9053



149.5460, -45.6252, -66.2538



99.6640, -3.7784, -1.4593



127.3420, -62.7796, -23.9789



29.1830, -14.3872, -5.4225

Inverse Universe

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



91.6270, 56.3859, 21.3751



84.6200, 83.9973, 31.9053



113.4540, 45.6252, 66.2538



94.3360, 3.7784, 1.4593



38.6580, 62.7796, 23.9789



8.8170, 14.3872, 5.4225

Previews

White Background



This preview shows how the YUV color 171.3730, -56.3859, -21.3751 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 171.3730, -56.3859, -21.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

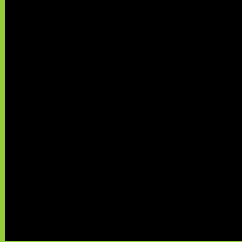
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.3730, -56.3859, -21.3751 Background



This preview shows how black text looks on a background with the YUV color 171.3730, -56.3859, -21.3751.



This preview shows how white text looks on a background with the YUV color 171.3730, -56.3859, -21.3751.

-21.3751.

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

171.3730, -56.3859, -21.3751

Protanopia

179.3730, -62.7949, 27.7369

Deuteranopia

182.2040, -56.3026, 45.4251



Tritanopia

186.0500, 10.8214, -17.5838

Trichromacy



Original Color

171.3730, -56.3859, -21.3751

Protanomaly

176.8330, -60.5567, 9.7935

Deuteranomaly

178.0500, -56.2266, 21.0042

Tritanomaly

180.6220, -13.6176, -18.9625

Monochromacy



Original Color

171.3730, -56.3859, -21.3751

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2660, -20.3441, -8.1263

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3730, -56.3859, -21.3751 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(147, 206, 57)` looks like.

```
.text, #text, p{  
    color:rgb(147, 206, 57)  
}
```

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(147, 206, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 206, 57) }
```

Border

The CSS property to change the border of an element to YUV 171.3730, -56.3859, -21.3751 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(147, 206, 57) }
```


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

```
.border{ border-color:rgb(147, 206, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 206, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 206, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 206, 57);  
box-shadow:4px 4px 4px 4px rgb(147, 206,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 171.3730, -56.3859, -21.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 206, 57) }
```

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

```
.background{ background-color: rgb(147,  
206, 57) }
```

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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