

Converting Colors

YUV(170.9560, -40.4043,
-13.9934)

Have a look what the booklet for
YUV(170.9560, -40.4043, -13.9934)
contains.

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Color

**YUV(170.9560, -40.4043,
-13.9934)**

Conversions

Conversions Part 1	
Format	Color
Hex	9BC359
RGB	155, 195, 89
RGB Percent	61%, 76%, 35%
CMY	0.3922, 0.2353, 0.6510
CMYK	0.21, 0.00, 0.54, 0.24
HSL	83°, 47%, 56%
HSV	83°, 54%, 76%
XYZ	34.8358, 46.7200, 16.6330
YIQ	170.9560, 10.1860, -41.4460

Conversions

Conversions Part 2

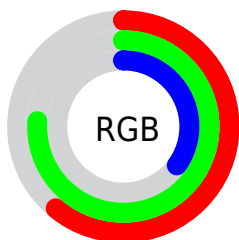
Format	Color
RYB	89, 195, 129
Decimal	10208089
CIELab	74.01, -30.15, 48.28
CIELCh	74, 56.920, 121.990
Yxy	46.7200, 0.3548, 0.4758
Android (android.graphics.Color)	4288398169 (0xFF9BC359)
YUV	170.9560, -40.4043, -13.9934
Hunter-Lab	68.3521, -28.6430, 33.4186

Details

The YUV color **170.9560, -40.4043, -13.9934** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **113.0440, 40.4043, 13.9934**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2010, -42.0041, -14.2083**, and **117.1840, -39.5307, -14.1934** is the 20% darker color. If you saturate the color by 10%, you get **166.5830, -48.1084, -16.2973**, and if you desaturate by 10%, it is **175.3290, -32.7002, -11.6895**.

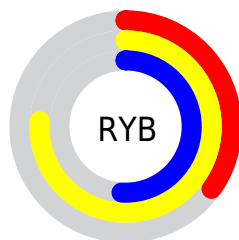
Distribution



Red (61%)

Green (76%)

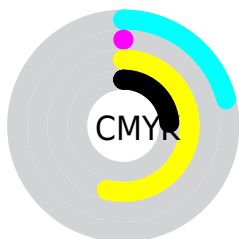
Blue (35%)



Red (35%)

Yellow (76%)

Blue (51%)

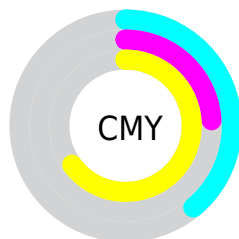


Cyan (21%)

Magenta (0%)

Yellow (54%)

Black (24%)



Cyan (39%)


Magenta (24%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.9560, -40.4043, -13.9934 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 170.9560, -40.4043, -13.9934 by changing the saturation by 10% instead.


 170.9560,
-40.4043, -13.9934


 170.9560,
-40.4043, -13.9934


255.0000, 0.0000,
0.0000

 144.0700,
-39.9675, -14.0934


 227.2010,
-42.0041, -14.2083


 117.1840,
-39.5307, -14.1934


 240.7110,
-35.3535, -0.6235


 90.2720, -43.0251,
-13.3935

 248.3880,
-25.3343, 5.7987

 68.0680, -33.5575,
-16.7226


 251.6940,
-12.6671, 2.8994


 45.9070, -22.6322,
-20.9664


 25.8280, -12.7332,
-22.6512


 13.5010, -6.6560,


-11.8404


 0.0000, 0.0000,
0.0000

 170.9560,
-40.4043, -13.9934


 170.9560,
-40.4043, -13.9934


 166.5830,
-48.1084, -16.2973


 175.3290,
-32.7002, -11.6895


 162.0250,
-55.2283, -19.3159


 179.8870,
-25.5803, -8.6709


 157.6520,
-62.9324, -21.6198

 184.1460,
-18.3130, -6.2670

 153.3930,
-70.1997, -24.0237

 188.5190,
-10.6089, -3.9632

 150.6440,
-74.2675, -25.9978

 193.1910, -3.0522,
-1.0445

■ 197.4500, 4.2152,
1.3594

■ 202.0080, 11.3351,
4.3780

■ 206.3810, 19.0392,
6.6819

■ 209.6140, 22.3753,
9.9855

Harmonies

Analogous

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



176.4730, -51.0122, 28.5262



170.9560, -40.4043, -13.9934



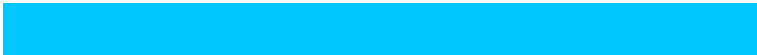
159.4990, -14.0500, -67.0896

Triad

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



170.9560, -40.4043, -13.9934



146.4700, 53.5053, -128.4542



176.7110, 2.1145, 68.6595

Complementary

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



170.9560, -40.4043, -13.9934



113.0440, 40.4043, 13.9934

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.



187.1880, 22.0923, 54.2091



170.9560, -40.4043, -13.9934



164.2650, 44.7324, -67.7614

Square

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



170.9560, -40.4043, -13.9934



148.4130, 43.1804, -130.1582



183.6100, 35.1953, 4.7270



174.8920, -22.6248, 70.2547

Rectangle

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



170.9560, -40.4043, -13.9934



140.4330, 12.6045, -123.1597



183.6100, 35.1953, 4.7270



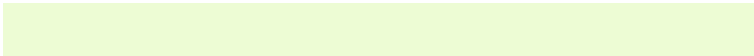
179.8230, 8.9613, 65.9302

Sweetspot

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



170.9560, -40.4043, -13.9934



242.9550, -15.2608, -5.2225



143.5870, -26.9114, 45.0892



122.1600, -9.4459, -3.6483



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.



170.9560, -40.4043, -13.9934



215.0650, -62.6430, -21.1050



155.4080, -32.7391, -45.9618



94.6640, -3.7784, -1.4593



124.4070, -61.3327, -21.4049



25.6500, -12.6454, -4.0780

Inverse Universe

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



113.0440, 40.4043, 13.9934



125.2340, 62.4956, 21.7198



128.5920, 32.7391, 45.9618



89.3360, 3.7784, 1.4593



36.5930, 61.3327, 21.4049



7.6490, 12.4980, 4.6928

Previews

White Background



This preview shows how the YUV color 170.9560, -40.4043, -13.9934 looks on a white background.

Color Contrast Check

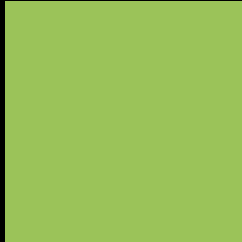
Large Text (above 18pt) WCAG AA × Fail

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 170.9560, -40.4043, -13.9934 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 170.9560, -40.4043, -13.9934 Background



This preview shows how black text looks on a background with the YUV color 170.9560, -40.4043, -13.9934.



This preview shows how white text looks on a background with the YUV color 170.9560, -40.4043, -13.9934.

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

170.9560, -40.4043, -13.9934

Protanopia

176.6230, -45.1701, 21.3786

Deuteranopia


179.0580, -41.4406, 38.5371




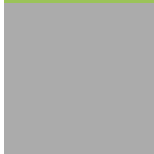

Tritanopia

180.5240, 8.6157, -10.1065

Trichromacy

	Original Color 170.9560, -40.4043, -13.9934
	Protanomaly 174.5890, -43.6744, 8.2534
	Deuteranomaly 176.0510, -40.9441, 19.2493
	Tritanomaly 176.8170, -9.2768, -11.2405

Monochromacy

	Original Color 170.9560, -40.4043, -13.9934
	Achromatopsia 171.0000, 0.0000, 0.0000
	Achromatomaly 171.0690, -14.8240, -5.3225

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9560, -40.4043, -13.9934 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(155, 195, 89)` looks like.

```
.text, #text, p{  
    color:rgb(155, 195, 89)  
}
```

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(155, 195, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 195, 89) }
```

Border

The CSS property to change the border of an element to YUV 170.9560, -40.4043, -13.9934 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(155, 195, 89) }
```

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

```
.border{ border-color:rgb(155, 195, 89) }
```

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

Here you see how a box with a 4 pixel rgb(155, 195, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 195, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 195, 89);  
box-shadow:4px 4px 4px 4px rgb(155, 195,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 170.9560, -40.4043, -13.9934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 195, 89) }
```

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

```
.background{ background-color: rgb(155,  
195, 89) }
```

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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