

Converting Colors

YUV(129.3430, -54.3991,
-52.0438)

Have a look what the booklet for
YUV(129.3430, -54.3991, -52.0438)
contains.

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Color

**YUV(129.3430, -54.3991,
-52.0438)**

Conversions

Conversions Part 1

Format	Color
Hex	46B513
RGB	70, 181, 19
RGB Percent	27%, 71%, 7%
CMY	0.7255, 0.2902, 0.9255
CMYK	0.61, 0.00, 0.90, 0.29
HSL	101°, 81%, 39%
HSV	101°, 90%, 71%
XYZ	19.1672, 34.3969, 6.2451
YIQ	129.3430, -14.1540, -73.9140

Conversions

Conversions Part 2

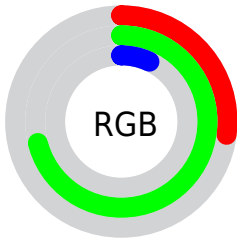
Format	Color
RYB	19, 181, 130
Decimal	4633875
CIELab	65.28, -57.12, 63.00
CIElCh	65, 85.041, 132.197
Yxy	34.3969, 0.3205, 0.5751
Android (android.graphics.Color)	4282823955 (0xFF46B513)
YUV	129.3430, -54.3991, -52.0438
Hunter-Lab	58.6488, -44.2993, 34.7408

Details

The YUV color **129.3430, -54.3991, -52.0438** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **70.6570, 54.3991, 52.0438**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3370, -51.9311, -50.2845**, and **74.5490, -36.7527, -65.3795** is the 20% darker color. If you saturate the color by 10%, you get **123.7030, -60.4926, -57.6215**, and if you desaturate by 10%, it is **134.9830, -48.3056, -46.4661**.

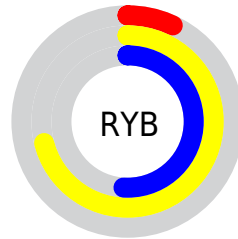
Distribution



Red (27%)

Green (71%)

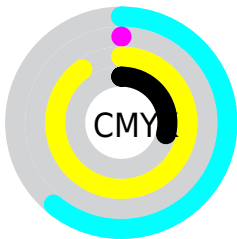
Blue (7%)



Red (7%)

Yellow (71%)

Blue (51%)

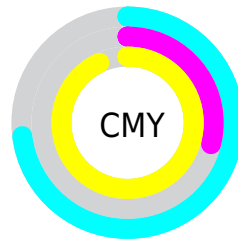


Cyan (61%)

Magenta (0%)

Yellow (90%)

Black (29%)



Cyan (73%)


Magenta (29%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 129.3430, -54.3991, -52.0438 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 129.3430, -54.3991, -52.0438 by changing the saturation by 10% instead.


 129.3430,
-54.3991, -52.0438


 129.3430,
-54.3991, -52.0438


255.0000, 0.0000,
0.0000


 99.9660, -49.2832,
-59.6062


 188.3370,
-51.9311, -50.2845


 74.5490, -36.7527,
-65.3795


 210.4780,
-49.0427, -43.3922

 59.2870, -29.2285,
-51.9947


 222.6400,
-41.2345, -27.7483

 44.6120, -21.9937,
-39.1247

 234.8020,
-33.4264, -12.1044

 30.5240, -15.0483,
-26.7695

 247.0780,
-25.1815, 3.4396

 15.8490, -7.8136,
-13.8996

 251.5800,

 0.0000, 0.0000,

-13.1039, 2.9993

0.0000

254.8860, -0.4368,
0.1000

■ 129.3430,
-54.3991, -52.0438

■ 129.3430,
-54.3991, -52.0438

■ 123.7030,
-60.4926, -57.6215

■ 134.9830,
-48.3056, -46.4661

■ 123.2900,
-60.7820, -58.1363

■ 140.9220,
-42.3595, -40.2736

■ 146.5620,
-36.2661, -34.6959

■ 152.5010,
-30.3200, -28.5034

■ 158.2550,
-23.7897, -23.0256

■ 163.8950,
-17.6962, -17.4479

■ 169.8340,
-11.7502, -11.2554

■ 175.4740, -5.6567,
-5.6777

■ 181.4130, 0.2894,
0.5148

Harmonies

Analogous

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



145.2930, -71.6294, 14.6520



129.3430, -54.3991, -52.0438



123.3690, -7.0839, -108.1946

Triad

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



129.3430, -54.3991, -52.0438



134.7300, 59.2931, -118.1582



130.5080, 0.2426, 109.1795

Complementary

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



129.3430, -54.3991, -52.0438



70.6570, 54.3991, 52.0438

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.



146.8030, 29.6771, 94.8888



129.3430, -54.3991, -52.0438



121.8160, 65.6597, -106.8326

Square

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



129.3430, -54.3991, -52.0438



140.6000, 56.3992, -123.3062



160.1850, 46.7438, 34.0408



141.5570, -41.1936, 99.4895

Rectangle

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



129.3430, -54.3991, -52.0438



131.1720, 15.1982, -115.0378



160.1850, 46.7438, 34.0408



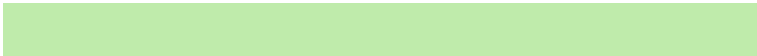
131.5970, 12.0307, 108.2244

Sweetspot

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



129.3430, -54.3991, -52.0438



214.5480, -21.4692, -20.6516



132.5950, -56.0023, 42.4512



105.3070, -12.4764, -11.6702



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



129.3430, -54.3991, -52.0438



160.0710, -78.9150, -75.4843



117.5140, -33.7774, -86.3968



86.1800, -3.0467, -2.7889



104.1630, -51.3524, -49.2550



17.6540, -8.7034, -8.4666

Inverse Universe

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



70.6570, 54.3991, 52.0438



74.9290, 78.9150, 75.4843



82.4860, 33.7774, 86.3968



82.8200, 3.0467, 2.7889



48.8370, 51.3524, 49.2550



8.0470, 8.8508, 7.8518

Previews

White Background



This preview shows how the YUV color 129.3430, -54.3991, -52.0438 looks on a white background.

Color Contrast Check

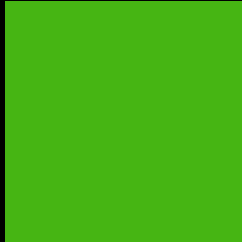
Large Text (above 18pt) WCAG AA × Fail

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 129.3430, -54.3991, -52.0438 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 129.3430, -54.3991, -52.0438 Background



This preview shows how black text looks on a background with the YUV color 129.3430, -54.3991, -52.0438.



This preview shows how white text looks on a background with the YUV color 129.3430, -54.3991, -52.0438.

-52.0438.

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

129.3430, -54.3991, -52.0438

Protanopia

146.5810, -68.3204, 26.6775

Deuteranopia

151.4530, -53.9603, 40.8217



Tritanopia

149.2640, 16.1388, -43.2045

Trichromacy



Original Color

129.3430, -54.3991, -52.0438



Protanomaly

140.0720, -63.1395, -1.8171



Deuteranomaly

143.5320, -53.9993, 6.5494



Tritanomaly

142.1840, -9.4577, -46.6424

Monochromacy



Original Color

129.3430, -54.3991, -52.0438



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

129.3140, -19.8748, -18.6924

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.3430, -54.3991, -52.0438 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, 181, 19)` looks like.

```
.text, #text, p{  
    color:rgb(70, 181, 19)  
}
```

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, 181, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 181, 19) }
```

Border

The CSS property to change the border of an element to YUV 129.3430, -54.3991, -52.0438 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, 181, 19) }
```


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

```
.border{ border-color:rgb(70, 181, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 181, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 181, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 181, 19);  
box-shadow:4px 4px 4px 4px rgb(70, 181,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 129.3430, -54.3991, -52.0438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 181, 19) }
```

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

```
.background{ background-color: rgb(70, 181,  
19) }
```

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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