

Converting Colors

YUV(193.5370, -54.9877,
-3.1019)

Have a look what the booklet for
YUV(193.5370, -54.9877, -3.1019)
contains.

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Color

**YUV(193.5370, -54.9877,
-3.1019)**

Conversions

Conversions Part 1

Format	Color
Hex	BED952
RGB	190, 217, 82
RGB Percent	75%, 85%, 32%
CMY	0.2549, 0.1490, 0.6784
CMYK	0.12, 0.00, 0.62, 0.15
HSL	72°, 64%, 59%
HSV	72°, 62%, 85%
XYZ	47.5710, 61.1821, 17.2847
YIQ	193.5370, 27.2430, -47.7090

Conversions

Conversions Part 2

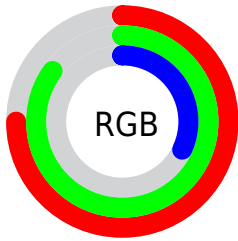
Format	Color
R_YB	82, 217, 109
Decimal	12507474
CIE _{Lab}	82.48, -27.49, 61.49
CIE _{LCh}	82, 67.358, 114.082
Yxy	61.1821, 0.3774, 0.4854
Android (android.graphics.Color)	4290697554 (0xFFBED952)
YUV	193.5370, -54.9877, -3.1019
Hunter-Lab	78.2190, -28.3234, 41.6515

Details

The YUV color **193.5370, -54.9877, -3.1019** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **105.4630, 54.9877, 3.1019**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7540, -50.6577, 8.1087**, and **137.2550, -57.3137, -3.7316** is the 20% darker color. If you saturate the color by 10%, you get **189.8330, -64.0077, -3.3615**, and if you desaturate by 10%, it is **197.2410, -45.9678, -2.8424**.

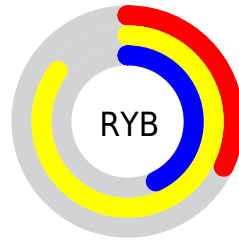
Distribution



Red (75%)

Green (85%)

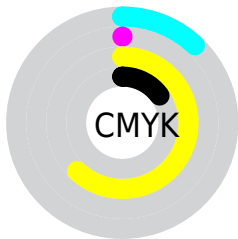
Blue (32%)



Red (32%)

Yellow (85%)

Blue (43%)

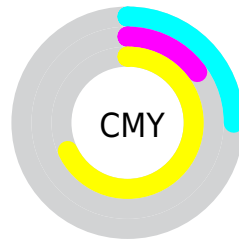


Cyan (12%)

Magenta (0%)

Yellow (62%)

Black (15%)



Cyan (25%)

Magenta (15%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.5370, -54.9877, -3.1019 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 193.5370, -54.9877, -3.1019 by changing the saturation by 10% instead.

■ 193.5370,
-54.9877, -3.1019

■ 193.5370,
-54.9877, -3.1019

■ 255.0000, 0.0000,
0.0000

■ 165.2380,
-54.8403, -3.7167

■ 239.7540,
-50.6577, 8.1087

■ 137.2550,
-57.3137, -3.7316

■ 244.7400,
-39.3118, 8.9980

■ 111.5260,
-54.9823, -4.8463

■ 247.9320,
-27.0815, 6.1986

■ 88.1910, -43.4782,
-8.0605

■ 251.2380,
-14.4143, 3.2993

■ 66.3290, -32.7002,
-11.6895

■ 254.5440, -1.7472,
0.3999

■ 44.1570, -21.7694,
-17.6777

■ 23.4800, -11.5756,

-20.5920

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 193.5370,
-54.9877, -3.1019

■ 193.5370,
-54.9877, -3.1019

■ 189.8330,
-64.0077, -3.3615

■ 197.2410,
-45.9678, -2.8424

■ 185.9440,
-72.4434, -4.3359

■ 201.1300,
-37.5321, -1.8680

■ 182.2400,
-81.4633, -4.5955

■ 204.8340,
-28.5122, -1.6084

■ 179.4050,
-88.4467, -4.7402

■ 208.5380,
-19.4922, -1.3488

■ 212.5410,
-10.6197, -0.4745

■ 216.1310, -2.0366,
-0.1149

■ 219.8350, 6.9833,
0.1447

■ 223.7240, 15.4191,
1.1191

■ 224.9200, 14.8294,
3.5782

Harmonies

Analogous

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



199.4830, -62.8491, 45.1804



193.5370, -54.9877, -3.1019



181.9050, -26.5752, -63.0607

Triad

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



193.5370, -54.9877, -3.1019



164.0800, 44.8236, -143.8982



189.4890, 15.5349, 57.4531

Complementary

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



193.5370, -54.9877, -3.1019



105.4630, 54.9877, 3.1019

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.



203.9310, 25.1770, 44.7875



193.5370, -54.9877, -3.1019



155.8620, 48.8750, -136.6910

Square

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



193.5370, -54.9877, -3.1019



167.6020, 43.0872, -146.9870



198.8610, 27.6765, -10.4021



183.9540, -13.2883, 62.3073

Rectangle

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



193.5370, -54.9877, -3.1019



156.5100, 5.6646, -137.2593



198.8610, 27.6765, -10.4021



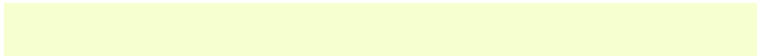
194.2310, 23.5501, 53.2944

Sweetspot

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



193.5370, -54.9877, -3.1019



246.5380, -19.4922, -1.3488



138.2140, -27.7135, 69.0953



122.7860, -12.2195, -0.6893



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.



193.5370, -54.9877, -3.1019



221.8640, -77.8270, -4.2657



174.1020, -45.4063, -43.0625



107.8490, -4.3626, -0.7446



143.1120, -70.5542, -3.6062



38.0650, -18.7660, -0.9340

Inverse Universe

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



105.4630, 54.9877, 3.1019



97.1360, 77.8270, 4.2657



125.7950, 44.9641, 44.9068



100.8520, 4.5100, 0.1298



30.1870, 70.4068, 4.2210



7.9350, 18.7660, 0.9340

Previews

White Background



This preview shows how the YUV color 193.5370, -54.9877, -3.1019 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 193.5370, -54.9877, -3.1019 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 193.5370, -54.9877, -3.1019

Background



This preview shows how black text looks on a background with the YUV color 193.5370, -54.9877, -3.1019.



This preview shows how white text looks on a background with the YUV color 193.5370, -54.9877, -3.1019.

-3.1019.

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

193.5370, -54.9877, -3.1019

Protanopia

197.5130, -58.4269, 26.7371

Deuteranopia

200.5570, -54.9976, 46.8695



Tritanopia

205.4220, 6.6940, -0.3701

Trichromacy



Original Color

193.5370, -54.9877, -3.1019

Protanomaly

195.7890, -57.0840, 15.9710

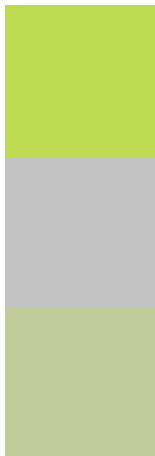
Deuteranomaly

198.0340, -55.2328, 28.9112

Tritanomaly

201.1620, -15.8559, -1.0191

Monochromacy



Original Color

193.5370, -54.9877, -3.1019

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.7230, -20.0764, -0.6341

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.5370, -54.9877, -3.1019 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(190, 217, 82)` looks like.

```
.text, #text, p{  
    color:rgb(190, 217, 82)  
}
```

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(190, 217, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 217, 82) }
```

Border

The CSS property to change the border of an element to YUV 193.5370, -54.9877, -3.1019 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(190, 217, 82) }
```


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

```
.border{ border-color:rgb(190, 217, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 217, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 217, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 217, 82);  
box-shadow:4px 4px 4px 4px rgb(190, 217,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 193.5370, -54.9877, -3.1019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 217, 82) }
```

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

```
.background{ background-color: rgb(190,  
217, 82) }
```

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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