

Converting Colors

YUV(195.4830, -39.6781,
-13.5786)

Have a look what the booklet for
YUV(195.4830, -39.6781, -13.5786)
contains.

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Color

**YUV(195.4830, -39.6781,
-13.5786)**

Conversions

Conversions Part 1

Format	Color
Hex	B4DB73
RGB	180, 219, 115
RGB Percent	71%, 86%, 45%
CMY	0.2941, 0.1412, 0.5490
CMYK	0.18, 0.00, 0.47, 0.14
HSL	82°, 59%, 65%
HSV	82°, 47%, 86%
XYZ	47.2484, 61.6041, 25.6202
YIQ	195.4830, 10.1400, -40.6120

Conversions

Conversions Part 2

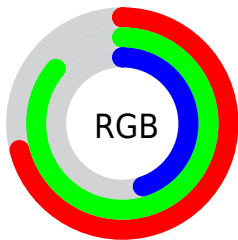
Format	Color
R _{YB}	115, 219, 154
Decimal	11852659
CIE Lab	82.70, -29.36, 46.70
CIE LCh	83, 55.165, 122.154
Yxy	61.6041, 0.3514, 0.4581
Android (android.graphics.Color)	4290042739 (0xFFB4DB73)
YUV	195.4830, -39.6781, -13.5786
Hunter-Lab	78.4883, -29.9010, 35.5883

Details

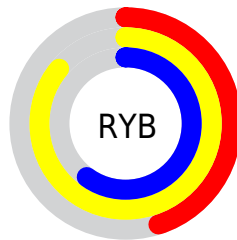
The YUV color **195.4830, -39.6781, -13.5786** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **138.5170, 39.6781, 13.5786**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8140, -34.9113, -2.4679**, and **140.8250, -38.3677, -13.8785** is the 20% darker color. If you saturate the color by 10%, you get **190.5830, -48.1084, -16.2973**, and if you desaturate by 10%, it is **200.3830, -31.2478, -10.8599**.

Distribution



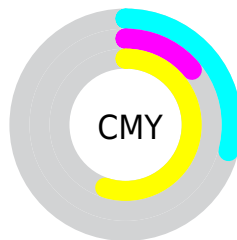
- Red (71%)
- Green (86%)
- Blue (45%)



- Red (45%)
- Yellow (86%)
- Blue (60%)



- Cyan (18%)
- Magenta (0%)
- Yellow (47%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.4830, -39.6781, -13.5786 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 195.4830, -39.6781, -13.5786 by changing the saturation by 10% instead.

■ 195.4830,
-39.6781, -13.5786

■ 195.4830,
-39.6781, -13.5786

255.0000, 0.0000,
0.0000

■ 167.7110,
-38.8045, -13.7785

■ 239.8140,
-34.9113, -2.4679

■ 140.8250,
-38.3677, -13.8785

■ 248.3880,
-25.3343, 5.7987

■ 113.9390,
-37.9309, -13.9785

■ 251.5800,
-13.1039, 2.9993

■ 87.8420, -40.8411,
-13.8934

254.8860, -0.4368,
0.1000

■ 65.1220, -32.1051,
-15.8930

■ 43.5480, -21.4692,
-20.6516

■ 24.0670, -11.8650,

-21.1068

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 195.4830,
-39.6781, -13.5786

■ 195.4830,
-39.6781, -13.5786

■ 190.5830,
-48.1084, -16.2973

■ 200.3830,
-31.2478, -10.8599

■ 185.6830,
-56.5387, -19.0160

■ 205.2830,
-22.8175, -8.1412

■ 180.4840,
-64.8216, -22.3495

■ 210.4820,
-14.5346, -4.8077

■ 175.5840,
-73.2519, -25.0682

■ 215.3820, -6.1043,
-2.0890

■ 170.7980,
-81.2454, -27.8868

■ 220.2820, 2.3260,
0.6297

■ 169.5160,
-83.5714, -28.5165

■ 225.0680, 10.3195,
3.4484

■ 228.4860, 13.0714,
7.4668

■ 231.1770, 11.7447,
12.9998

■ 233.5690, 10.5655,
17.9180

Harmonies

Analogous

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



201.0000, -50.2860, 28.9410



195.4830, -39.6781, -13.5786



185.4070, -14.4977, -63.5009

Triad

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



195.4830, -39.6781, -13.5786



160.5580, 46.5599, -140.8094



195.1820, 4.3473, 52.4604

Complementary

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



195.4830, -39.6781, -13.5786



138.5170, 39.6781, 13.5786

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.



206.2790, 24.0195, 42.7283



195.4830, -39.6781, -13.5786



189.4160, 32.3329, -57.3698

Square

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



195.4830, -39.6781, -13.5786



164.6670, 44.5342, -144.4130



205.4720, 24.4173, 8.3561



192.8900, -19.6658, 54.4705

Rectangle

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



195.4830, -39.6781, -13.5786



168.3090, 10.6937, -116.9120



205.4720, 24.4173, 8.3561



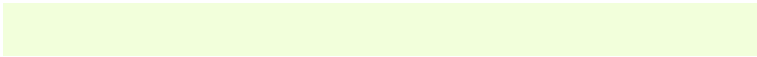
197.8210, 11.9202, 50.1460

Sweetspot

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



195.4830, -39.6781, -13.5786



247.0090, -13.8084, -4.3929



168.4020, -26.3272, 44.3744



122.8010, -8.2829, -3.3335



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.



195.4830, -39.6781, -13.5786



222.0250, -55.2283, -19.3159



180.2340, -32.1604, -44.9322



107.5500, -4.2151, -1.3593



133.8430, -65.9846, -22.6643



35.6730, -17.5868, -5.8522

Inverse Universe

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



138.5170, 39.6781, 13.5786



142.6760, 55.3757, 18.7011



153.7660, 32.1604, 44.9322



101.4500, 4.2151, 1.3593



39.1570, 65.9846, 22.6643



10.3270, 17.5868, 5.8522

Previews

White Background



This preview shows how the YUV color 195.4830, -39.6781, -13.5786 looks on a white background.

Color Contrast Check

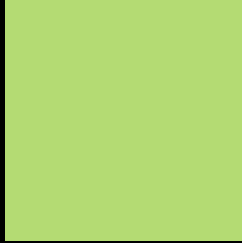
Large Text (above 18pt) WCAG AA × Fail

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 195.4830, -39.6781, -13.5786 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 195.4830, -39.6781, -13.5786 Background



This preview shows how black text looks on a background with the YUV color 195.4830, -39.6781, -13.5786.



This preview shows how white text looks on a background with the YUV color 195.4830, -39.6781, -13.5786.

-13.5786.

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

195.4830, -39.6781, -13.5786

Protanopia

200.4490, -44.5914, 22.4082

Deuteranopia

203.5960, -40.7198, 40.6963



Tritanopia

204.9370, 8.9051, -9.5917

Trichromacy



Original Color

195.4830, -39.6781, -13.5786

Protanomaly

198.5290, -42.6588, 9.1831

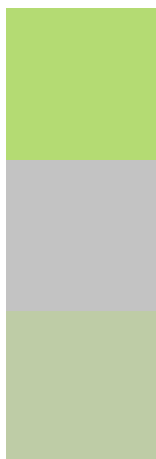
Deuteranomaly

200.5890, -40.2234, 21.4084

Tritanomaly

201.3440, -8.5506, -10.8257

Monochromacy



Original Color

195.4830, -39.6781, -13.5786

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.4820, -14.5346, -4.8077

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.4830, -39.6781, -13.5786 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(180, 219, 115)` looks like.

```
.text, #text, p{  
    color:rgb(180, 219, 115)  
}
```

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(180, 219, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 219, 115) }
```

Border

The CSS property to change the border of an element to YUV 195.4830, -39.6781, -13.5786 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(180, 219, 115) }
```


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

```
.border{ border-color:rgb(180, 219, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 219, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 219, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 219, 115); box-shadow:4px 4px 4px 4px rgb(180, 219, 115) }
```

Background

The CSS property to change the background color of an element to YUV 195.4830, -39.6781, -13.5786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 219, 115) }
```

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

```
.background{ background-color: rgb(180,  
219, 115) }
```

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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