

Converting Colors

YUV(195.0510, -44.3951,
6.0943)

Have a look what the booklet for
YUV(195.0510, -44.3951, 6.0943)
contains.

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Color

**YUV(195.0510, -44.3951,
6.0943)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD169
RGB	202, 209, 105
RGB Percent	79%, 82%, 41%
CMY	0.2078, 0.1804, 0.5882
CMYK	0.03, 0.00, 0.50, 0.18
HSL	64°, 53%, 62%
HSV	64°, 50%, 82%
XYZ	49.7074, 59.1774, 22.1671
YIQ	195.0510, 29.2120, -33.8280

Conversions

Conversions Part 2

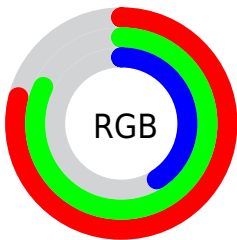
Format	Color
RYB	105, 209, 112
Decimal	13291881
CIELab	81.39, -16.94, 50.26
CIELCh	81, 53.035, 108.629
Yxy	59.1774, 0.3793, 0.4516
Android (android.graphics.Color)	4291481961 (0xFFCAD169)
YUV	195.0510, -44.3951, 6.0943
Hunter-Lab	76.9269, -19.2817, 36.7639

Details

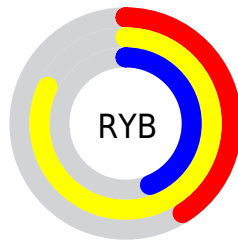
The YUV color **195.0510, -44.3951, 6.0943** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **118.9490, 44.3951, -6.0943**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.0560, -41.9326, 9.5979**, and **140.6810, -43.2267, 4.6648** is the 20% darker color. If you saturate the color by 10%, you get **192.3580, -53.4205, 7.5790**, and if you desaturate by 10%, it is **197.7440, -35.3698, 4.6095**.

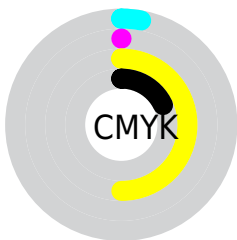
Distribution



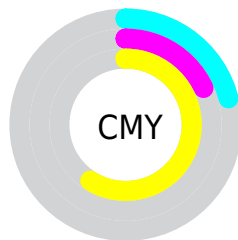
- Red (79%)
- Green (82%)
- Blue (41%)



- Red (41%)
- Yellow (82%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (50%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.0510, -44.3951, 6.0943 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 195.0510, -44.3951, 6.0943 by changing the saturation by 10% instead.

■ 195.0510,
-44.3951, 6.0943

■ 195.0510,
-44.3951, 6.0943

255.0000, 0.0000,
0.0000

■ 167.2790,
-43.5215, 5.8943

■ 244.0560,
-41.9326, 9.5979

■ 140.6810,
-43.2267, 4.6648

■ 247.1340,
-30.1391, 6.8985

■ 114.1540,
-43.9529, 4.2499

■ 250.4400,
-17.4719, 3.9991

■ 88.5560, -43.6581,
3.0204

■ 253.7460, -4.8048,
1.0998

■ 66.9930, -33.0275,
0.0061

■ 45.7180, -22.5390,
-4.1377

■ 25.3290, -12.4872,

-8.1815

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 195.0510,
-44.3951, 6.0943

■ 195.0510,
-44.3951, 6.0943

■ 192.3580,
-53.4205, 7.5790

■ 197.7440,
-35.3698, 4.6095

■ 189.3660,
-62.2984, 8.4490

■ 200.7360,
-26.4918, 3.7395

■ 186.6730,
-71.3238, 9.9338

■ 203.4290,
-17.4665, 2.2548

■ 183.6810,
-80.2017, 10.8038

■ 206.4210, -8.5886,
1.3848

■ 181.1020,
-88.7903, 12.1885

■ 209.1140, 0.4368,
-0.1000

■ 180.9880,
-89.2271, 12.2885

■ 211.6930, 9.0254,
-1.4848

■ 214.6850, 17.9033,
-2.3547

■ 215.4400, 19.5031,
-2.1399

■ 216.0380, 19.2083,
-0.9103

Harmonies

Analogous

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



199.5980, -47.1298, 43.3256



195.0510, -44.3951, 6.0943



187.7710, -26.5091, -37.5102

Triad

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



195.0510, -44.3951, 6.0943



159.9710, 46.8493, -140.2946



197.3480, 12.6464, 50.5608

Complementary

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



195.0510, -44.3951, 6.0943



118.9490, 44.3951, -6.0943

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.



206.2240, 24.0466, 34.0066



195.0510, -44.3951, 6.0943



174.4330, 39.7195, -93.3417

Square

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



195.0510, -44.3951, 6.0943



160.2840, 35.3560, -140.5691



197.0450, 28.5718, -17.5795



191.6480, -9.1935, 55.5597

Rectangle

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



195.0510, -44.3951, 6.0943



179.7740, -7.7766, -72.5928



197.0450, 28.5718, -17.5795



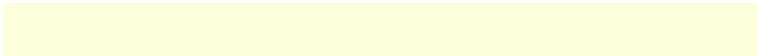
201.6340, 18.9144, 46.8020

Sweetspot

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



195.0510, -44.3951, 6.0943



249.7710, -16.1561, 1.9548



140.2050, -17.3561, 60.3332



124.7800, -9.7515, 1.0699



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.



195.0510, -44.3951, 6.0943



234.5680, -65.3560, 9.1489



179.5030, -36.7300, -25.8741



103.4470, -4.6574, 0.4850



145.5590, -71.7606, 10.0338



35.4290, -17.4665, 2.2548

Inverse Universe

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



118.9490, 44.3951, -6.0943



122.4320, 65.3560, -9.1489



134.4970, 36.7300, 25.8741



95.5530, 4.6574, -0.4850



22.4410, 71.7606, -10.0338



5.5710, 17.4665, -2.2548

Previews

White Background



This preview shows how the YUV color 195.0510, -44.3951, 6.0943 looks on a white background.

Color Contrast Check

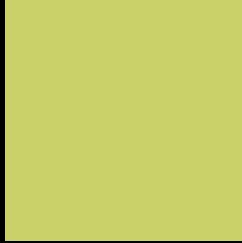
Large Text (above 18pt) WCAG AA × Fail

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 195.0510, -44.3951, 6.0943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

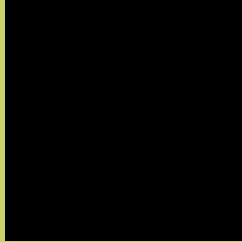
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.0510, -44.3951, 6.0943

Background



This preview shows how black text looks on a background with the YUV color 195.0510, -44.3951, 6.0943.



This preview shows how white text looks on a background with the YUV color 195.0510, -44.3951, 6.0943.

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

195.0510, -44.3951, 6.0943

Protanopia

196.9930, -46.3385, 22.8081

Deuteranopia

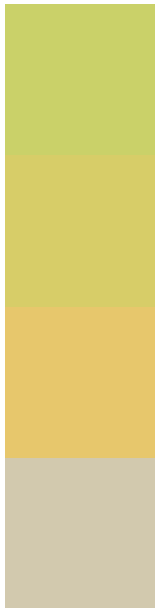
199.5700, -44.6510, 41.5961



Tritanopia

203.9070, 4.4828, 8.8516

Trichromacy



Original Color

195.0510, -44.3951, 6.0943

Protanomaly

196.4760, -45.5907, 16.2455

Deuteranomaly

198.1940, -44.4656, 28.7709

Tritanomaly

200.6130, -13.1202, 8.2324

Monochromacy



Original Color

195.0510, -44.3951, 6.0943

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.0700, -16.3035, 2.5696

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.0510, -44.3951, 6.0943 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(202, 209, 105)` looks like.

```
.text, #text, p{  
    color:rgb(202, 209, 105)  
}
```

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(202, 209, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 209, 105) }
```

Border

The CSS property to change the border of an element to YUV 195.0510, -44.3951, 6.0943 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(202, 209, 105) }
```


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

```
.border{ border-color:rgb(202, 209, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 209, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 209, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 209, 105);  
box-shadow:4px 4px 4px 4px rgb(202, 209,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 195.0510, -44.3951, 6.0943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 209, 105) }
```

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

```
.background{ background-color: rgb(202,  
209, 105) }
```

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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