

Converting Colors

YUV(219.5490, -19.4977,
0.3955)

Have a look what the booklet for
YUV(219.5490, -19.4977, 0.3955)
contains.

YUV(219.5490, -19.4977, 0.3955)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(219.5490, -19.4977,
0.3955)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE3B4
RGB	220, 227, 180
RGB Percent	86%, 89%, 71%
CMY	0.1373, 0.1098, 0.2941
CMYK	0.03, 0.00, 0.21, 0.11
HSL	69°, 46%, 80%
HSV	69°, 21%, 89%
XYZ	65.2225, 73.4491, 53.9195
YIQ	219.5490, 10.9150, -16.1010

Conversions

Conversions Part 2

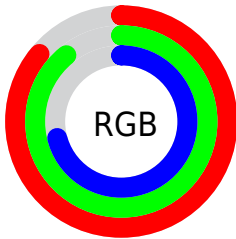
Format	Color
RYB	180, 227, 187
Decimal	14476212
CIELab	88.66, -10.11, 22.22
CIELCh	89, 24.411, 114.463
Yxy	73.4491, 0.3387, 0.3814
Android (android.graphics.Color)	4292666292 (0xFFDCE3B4)
YUV	219.5490, -19.4977, 0.3955
Hunter-Lab	85.7025, -14.1347, 22.6895

Details

The YUV color $219.5490, -19.4977, 0.3955$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $187.4510, 19.4977, -0.3955$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, -8.2992, 1.8996$, and $164.7770, -18.6241, 0.1956$ is the 20% darker color. If you saturate the color by 10%, you get $216.0300, -29.1018, 0.8507$, and if you desaturate by 10%, it is $223.0680, -9.8935, -0.0596$.

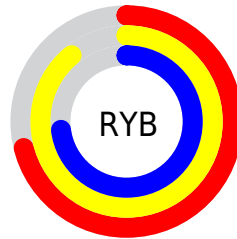
Distribution



Red (86%)

Green (89%)

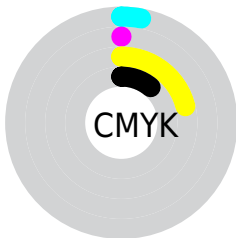
Blue (71%)



Red (71%)

Yellow (89%)

Blue (73%)

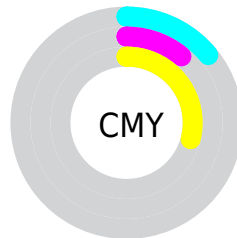


Cyan (3%)

Magenta (0%)

Yellow (21%)

Black (11%)



Cyan (14%)

Magenta (11%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.5490, -19.4977, 0.3955 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 219.5490, -19.4977, 0.3955 by changing the saturation by 10% instead.

■ 219.5490,
-19.4977, 0.3955

■ 219.5490,
-19.4977, 0.3955

255.0000, 0.0000,
0.0000

■ 191.6630,
-19.0609, 0.2955

■ 252.8340, -8.2992,
1.8996

■ 164.7770,
-18.6241, 0.1956

■ 138.0050,
-17.7505, -0.0044

■ 112.8200,
-17.1663, -0.7191

■ 87.9340, -16.7295,
-0.8191

■ 64.4610, -16.0033,
-0.4043

■ 42.1620, -15.8559,

-1.0191

■ 22.4160, -11.0511,
-2.1188

■ 0.0000, 0.0000,
0.0000

■ 219.5490,
-19.4977, 0.3955

■ 219.5490,
-19.4977, 0.3955

■ 216.0300,
-29.1018, 0.8507

■ 223.0680, -9.8935,
-0.0596

■ 212.3260,
-38.1217, 0.5911

■ 226.7720, -0.8736,
0.2000

■ 208.8070,
-47.7259, 1.0463

■ 230.2910, 8.7305,
-0.2552

■ 204.9890,
-57.1826, 0.8866

■ 232.2850, 11.1985,
1.5041

■ 201.5840,
-66.3499, 1.2418

■ 233.1820, 10.7563,
3.3484

■ 198.0650,
-75.9540, 1.6970

■ 234.0790, 10.3141,
5.1927

■ 194.2470,
-85.4108, 1.5374

■ 235.2750, 9.7244,
7.6518

■ 190.9560,
-94.1413, 1.7926

■ 236.1720, 9.2822,
9.4962

■ 237.0690, 8.8400,
11.3405

Harmonies

Analogous

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



222.5730, -22.4675, 19.6685



219.5490, -19.4977, 0.3955



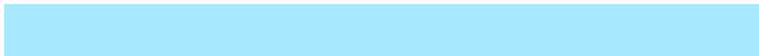
216.7080, -10.7020, -20.7919

Triad

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



219.5490, -19.4977, 0.3955



214.8880, 19.7752, -42.8748



223.7460, 2.0972, 27.4098

Complementary

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



219.5490, -19.4977, 0.3955



187.4510, 19.4977, -0.3955

Split Complementary

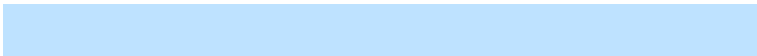
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.8080, 11.4337, 19.4624



219.5490, -19.4977, 0.3955



218.5420, 17.9738, -25.0313

Square

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



219.5490, -19.4977, 0.3955



213.5470, 13.5343, -47.8377



223.1150, 15.7193, -1.8549



221.0100, -8.3859, 29.8092

Rectangle

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



219.5490, -19.4977, 0.3955



214.6940, -2.8071, -33.0576



223.1150, 15.7193, -1.8549



224.6580, 5.5916, 26.6099

Sweetspot

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



219.5490, -19.4977, 0.3955



252.6920, -6.2572, 0.2701



197.5750, -8.6645, 25.8057



126.3760, -3.6364, -0.3298



0.0000, 0.0000, 0.0000



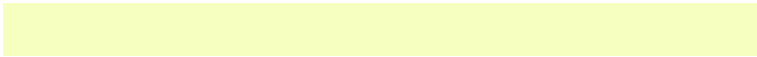
128.0000, 0.0000, 0.0000

Same Dimension

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



219.5490, -19.4977, 0.3955



245.0130, -26.6284, 0.8656



212.6720, -16.1073, -13.7443



113.0340, -4.9468, -0.0298



150.5210, -74.2069, 1.2971



42.7940, -21.0974, 0.1807

Inverse Universe

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



187.4510, 19.4977, -0.3955



201.2860, 26.4810, -0.2508



194.3280, 16.1073, 13.7443



104.9660, 4.9468, 0.0298



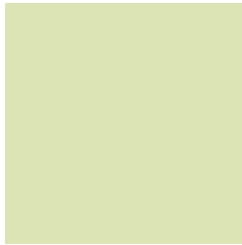
28.4790, 74.2069, -1.2971



8.2060, 21.0974, -0.1807

Previews

White Background



This preview shows how the YUV color 219.5490, -19.4977, 0.3955 looks on a white background.

Color Contrast Check

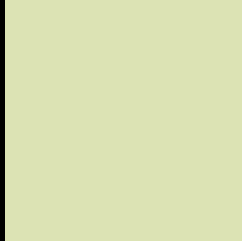
Large Text (above 18pt) WCAG AA × Fail

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 219.5490, -19.4977, 0.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

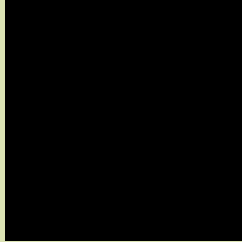
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

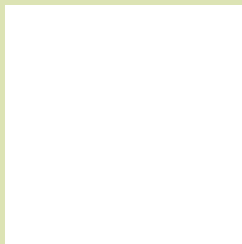
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 219.5490, -19.4977, 0.3955

Background



This preview shows how black text looks on a background with the YUV color 219.5490, -19.4977, 0.3955.



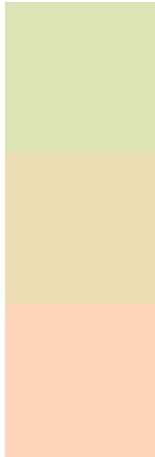
This preview shows how white text looks on a background with the YUV color 219.5490, -19.4977, 0.3955.

0.3955.

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

219.5490, -19.4977, 0.3955

Protanopia

221.1700, -21.2828, 13.0059

Deuteranopia

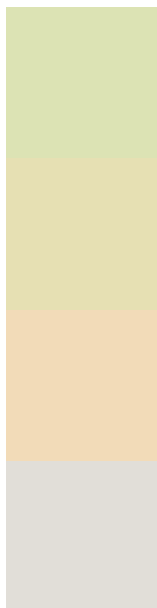
223.0670, -18.2740, 28.0052



Tritanopia

223.7430, 6.5357, 3.7334

Trichromacy



Original Color

219.5490, -19.4977, 0.3955

Protanomaly

220.6640, -20.5404, 8.1877

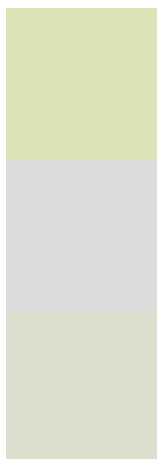
Deuteranomaly

221.8870, -18.6783, 17.6391

Tritanomaly

222.2130, -3.0630, 2.4442

Monochromacy



Original Color

219.5490, -19.4977, 0.3955

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.0510, -7.4201, -0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.5490, -19.4977, 0.3955 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(220, 227, 180)` looks like.

```
.text, #text, p{  
    color:rgb(220, 227, 180)  
}
```

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(220, 227, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 227, 180) }
```

Border

The CSS property to change the border of an element to YUV 219.5490, -19.4977, 0.3955 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(220, 227, 180) }
```


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

```
.border{ border-color:rgb(220, 227, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 227, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 227, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 227, 180);  
box-shadow:4px 4px 4px 4px rgb(220, 227,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 219.5490, -19.4977, 0.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 227, 180) }
```

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

```
.background{ background-color: rgb(220,  
227, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor