

Converting Colors

YUV(220.8700, -19.6559,
4.4990)

Have a look what the booklet for
YUV(220.8700, -19.6559, 4.4990)
contains.

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Color

**YUV(220.8700, -19.6559,
4.4990)**

Conversions

Conversions Part 1	
Format	Color
Hex	E2E2B5
RGB	226, 226, 181
RGB Percent	89%, 89%, 71%
CMY	0.1137, 0.1137, 0.2902
CMYK	0.00, 0.00, 0.20, 0.11
HSL	60°, 44%, 80%
HSV	60°, 20%, 89%
XYZ	66.9009, 73.8977, 54.4537
YIQ	220.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

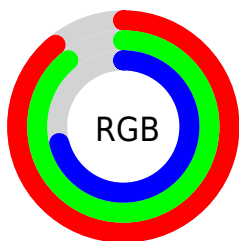
Format	Color
RYB	181, 226, 181
Decimal	14869173
CIELab	88.87, -7.27, 22.07
CIELCh	89, 23.234, 108.246
Yxy	73.8977, 0.3426, 0.3785
Android (android.graphics.Color)	4293059253 (0xFFE2E2B5)
YUV	220.8700, -19.6559, 4.4990
Hunter-Lab	85.9637, -11.5198, 22.6174

Details

The YUV color **220.8700, -19.6559, 4.4990** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **186.1300, 19.6559, -4.4990**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9480, -7.8624, 1.7996**, and **165.7990, -18.6349, 3.6843** is the 20% darker color. If you saturate the color by 10%, you get **218.2480, -29.7023, 6.7985**, and if you desaturate by 10%, it is **223.4920, -9.6096, 2.1995**.

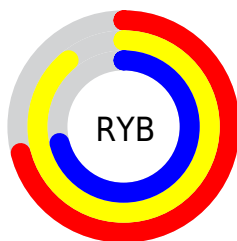
Distribution



Red (89%)

Green (89%)

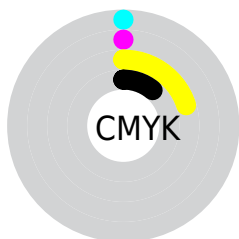
Blue (71%)



Red (71%)

Yellow (89%)

Blue (71%)

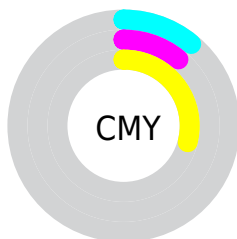


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (29%)

Brightness & Saturation

Gradients


These gradients show how the YUV color 220.8700, -19.6559, 4.4990 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 220.8700, -19.6559, 4.4990 by changing the saturation by 10% instead.

 220.8700,
-19.6559, 4.4990

 220.8700,
-19.6559, 4.4990


255.0000, 0.0000,
0.0000


 192.9840,
-19.2191, 4.3990


 252.9480, -7.8624,
1.7996

 165.7990,
-18.6349, 3.6843

 139.3260,
-17.9087, 4.0991


 114.0270,
-17.7613, 3.4843


 89.2550, -16.8877,
3.2844

 65.1840, -15.8667,
2.4696


 42.8850, -15.7193,


1.8549


 23.0250, -11.3513,
0.8551


 0.0000, 0.0000,
0.0000


 220.8700,
-19.6559, 4.4990


 220.8700,
-19.6559, 4.4990


 218.2480,
-29.7023, 6.7985


 223.4920, -9.6096,
2.1995


 215.7400,
-39.3118, 8.9980

 226.0000, 0.0000,
0.0000

 213.1180,
-49.3582, 11.2975

 228.6220, 10.0464,
-2.2995

 210.6100,
-58.9677, 13.4970

 229.3060, 12.6671,
-2.8994

■ 207.9880,
-69.0141, 15.7965

■ 205.3660,
-79.0604, 18.0960

■ 202.8580,
-88.6700, 20.2955

■ 200.2360,
-98.7163, 22.5950

Harmonies

Analogous

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



223.5240, -21.4573, 22.3425



220.8700, -19.6559, 4.4990



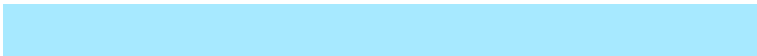
218.2850, -12.4655, -15.1589

Triad

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



220.8700, -19.6559, 4.4990



215.7740, 19.3384, -42.7748



224.9030, 3.9918, 26.3951

Complementary

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



220.8700, -19.6559, 4.4990



186.1300, 19.6559, -4.4990

Split Complementary

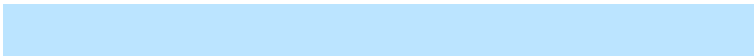
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.5300, 13.0497, 14.4442



220.8700, -19.6559, 4.4990



218.8190, 17.8372, -27.9053

Square

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



220.8700, -19.6559, 4.4990



214.4720, 10.6133, -44.2639



223.3810, 15.5882, -6.4731



222.2810, -6.0545, 28.6946

Rectangle

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



220.8700, -19.6559, 4.4990



216.7440, -5.2968, -27.8395



223.3810, 15.5882, -6.4731



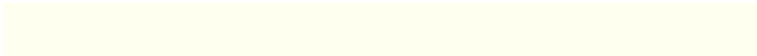
226.8750, 6.4706, 24.6656

Sweetspot

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



220.8700, -19.6559, 4.4990



253.2900, -6.5520, 1.4997



194.4550, -6.6333, 27.6650



126.9740, -3.9312, 0.8998



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.



220.8700, -19.6559, 4.4990



248.0460, -26.6447, 6.0987



213.9930, -16.2655, -9.6409



110.7460, -4.8048, 1.0998



155.9360, -76.8764, 17.5961



42.5280, -20.9663, 4.7989

Inverse Universe

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



186.1300, 19.6559, -4.4990



200.9540, 26.6447, -6.0987



192.7080, 16.4130, 9.0261



102.2540, 4.8048, -1.0998



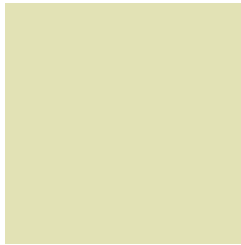
20.0640, 76.8764, -17.5961



5.4720, 20.9663, -4.7989

Previews

White Background



This preview shows how the YUV color 220.8700, -19.6559, 4.4990 looks on a white background.

Color Contrast Check

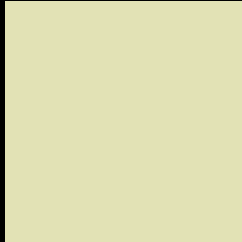
Large Text (above 18pt) WCAG AA × Fail

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 220.8700, -19.6559, 4.4990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

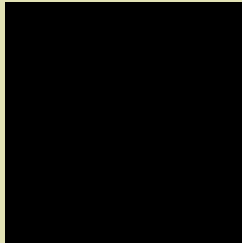
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

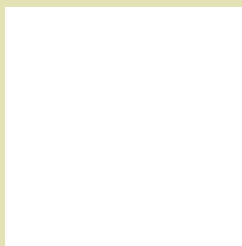
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 220.8700, -19.6559, 4.4990

Background



This preview shows how black text looks on a background with the YUV color 220.8700, -19.6559, 4.4990.



This preview shows how white text looks on a background with the YUV color 220.8700, -19.6559,

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

220.8700, -19.6559, 4.4990

Protanopia

222.1700, -21.2828, 13.0059

Deuteranopia

223.8820, -17.6898, 27.2905



Tritanopia

225.1240, 5.3619, 6.9073

Trichromacy

	Original Color 220.8700, -19.6559, 4.4990
	Protanomaly 221.6750, -20.5458, 9.9320
	Deuteranomaly 222.5990, -18.5363, 18.7687
	Tritanomaly 223.7080, -3.8000, 5.5181

Monochromacy

	Original Color 220.8700, -19.6559, 4.4990
	Achromatopsia 221.0000, 0.0000, 0.0000
	Achromatomaly 221.0620, -7.4256, 1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.8700, -19.6559, 4.4990 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(226, 226, 181)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 181)  
}
```

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(226, 226, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 181) }
```

Border

The CSS property to change the border of an element to YUV 220.8700, -19.6559, 4.4990 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(226, 226, 181) }
```


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

```
.border{ border-color:rgb(226, 226, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 181);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 220.8700, -19.6559, 4.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 181) }
```

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

```
.background{ background-color: rgb(226,  
226, 181) }
```

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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