

Converting Colors

YUV(219.9950, -19.2245,
6.1434)

Have a look what the booklet for
YUV(219.9950, -19.2245, 6.1434)
contains.

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Color

**YUV(219.9950, -19.2245,
6.1434)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E0B5
RGB	227, 224, 181
RGB Percent	89%, 88%, 71%
CMY	0.1098, 0.1216, 0.2902
CMYK	0.00, 0.01, 0.20, 0.11
HSL	56°, 45%, 80%
HSV	56°, 20%, 89%
XYZ	66.6747, 72.9784, 54.2882
YIQ	219.9950, 15.5910, -12.7370

Conversions

Conversions Part 2

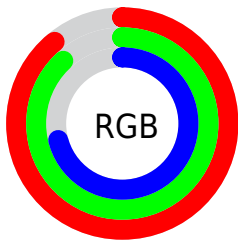
Format	Color
RYB	184, 227, 181
Decimal	14934197
CIELab	88.44, -5.89, 21.47
CIELCh	88, 22.268, 105.349
Yxy	72.9784, 0.3438, 0.3763
Android (android.graphics.Color)	4293124277 (0xFFE3E0B5)
YUV	219.9950, -19.2245, 6.1434
Hunter-Lab	85.4274, -10.1816, 22.1210

Details

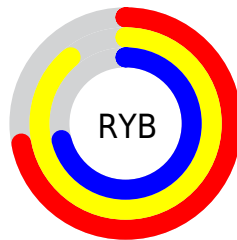
The YUV color **219.9950, -19.2245, 6.1434** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **188.0050, 19.2245, -6.1434**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9480, -7.8624, 1.7996**, and **164.9240, -18.2035, 5.3287** is the 20% darker color. If you saturate the color by 10%, you get **216.7860, -28.9815, 8.9577**, and if you desaturate by 10%, it is **223.2040, -9.4676, 3.3291**.

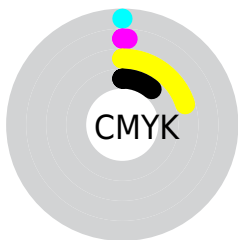
Distribution



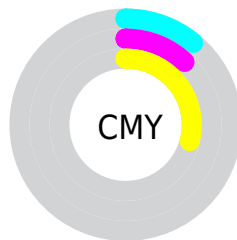
- Red (89%)
- Green (88%)
- Blue (71%)



- Red (72%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.9950, -19.2245, 6.1434 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 219.9950, -19.2245, 6.1434 by changing the saturation by 10% instead.

■ 219.9950,
-19.2245, 6.1434

■ 219.9950,
-19.2245, 6.1434

255.0000, 0.0000,
0.0000

■ 192.1090,
-18.7877, 6.0434

■ 252.9480, -7.8624,
1.7996

■ 164.9240,
-18.2035, 5.3287

■ 138.1520,
-17.3299, 5.1287

■ 112.8530,
-17.1825, 4.5139

■ 88.0810, -16.3089,
4.3140

■ 64.8960, -15.7247,
3.5992

■ 42.7110, -15.1405,

2.8845

■ 22.7370, -11.2093,
1.9847

■ 0.0000, 0.0000,
0.0000

■ 219.9950,
-19.2245, 6.1434

■ 219.9950,
-19.2245, 6.1434

■ 216.7860,
-28.9815, 8.9577

■ 223.2040, -9.4676,
3.3291

■ 213.1040,
-38.0123, 12.1868

■ 226.8860, -0.4368,
0.1000

■ 209.8950,
-47.7692, 15.0011

■ 230.0950, 9.3202,
-2.7143

■ 206.0990,
-57.2368, 18.3302

■ 231.9530, 11.3622,
-4.3438

■ 203.0040,
-66.5570, 21.0445

■ 232.5400, 11.0728,
-4.8586

■ 199.2080,
-76.0245, 24.3736

■ 233.7140, 10.4940,
-5.8882

■ 195.9990,
-85.7815, 27.1879

■ 234.3010, 10.2046,
-6.4030

■ 192.3170,
-94.8123, 30.4170

■ 235.4750, 9.6258,
-7.4326

■ 236.0620, 9.3364,
-7.9474

Harmonies

Analogous

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



222.1650, -20.2943, 22.6573



219.9950, -19.2245, 6.1434



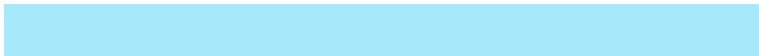
217.5950, -12.6183, -12.7998

Triad

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



219.9950, -19.2245, 6.1434



215.0300, 17.7332, -41.2453



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.



219.9950, -19.2245, 6.1434



188.0050, 19.2245, -6.1434

Split Complementary

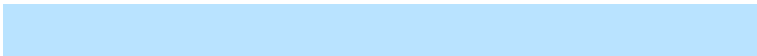
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.2200, 13.2025, 12.0851



219.9950, -19.2245, 6.1434



217.6340, 18.4214, -28.6200

Square

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



219.9950, -19.2245, 6.1434



213.4400, 9.1501, -41.6049



221.5980, 16.4672, -8.4174



221.9220, -4.8915, 29.0094

Rectangle

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



219.9950, -19.2245, 6.1434



215.9400, -5.8864, -25.3804



221.5980, 16.4672, -8.4174



225.6900, 7.0548, 23.9509

Sweetspot

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



219.9950, -19.2245, 6.1434



252.7030, -6.2626, 2.0145



195.0960, -5.4703, 27.9798



126.3870, -3.6418, 1.4146



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.



219.9950, -19.2245, 6.1434



245.6980, -25.4871, 8.1579



215.7760, -17.1446, -7.6966



113.0450, -4.9522, 1.7145



151.5500, -74.7142, 24.0736



43.4250, -21.4085, 6.6433

Inverse Universe

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



188.0050, 19.2245, -6.1434



203.3020, 25.4871, -8.1579



192.2240, 17.1446, 7.6966



104.9550, 4.9522, -1.7145



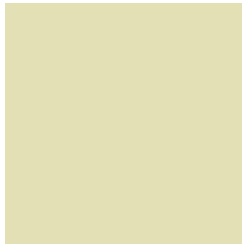
27.4500, 74.7142, -24.0737



7.5750, 21.4085, -6.6433

Previews

White Background



This preview shows how the YUV color 219.9950, -19.2245, 6.1434 looks on a white background.

Color Contrast Check

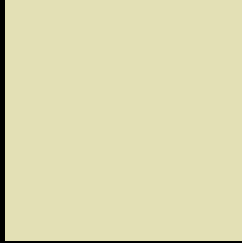
Large Text (above 18pt) WCAG AA × Fail

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 219.9950, -19.2245, 6.1434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

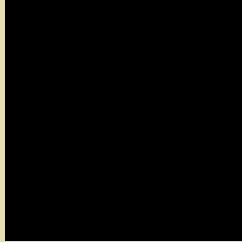
Any Text WCAG AA ✓ Pass

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 219.9950, -19.2245, 6.1434 Background



This preview shows how black text looks on a background with the YUV color 219.9950, -19.2245, 6.1434.



This preview shows how white text looks on a background with the YUV color 219.9950, -19.2245, 6.1434.

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

219.9950, -19.2245, 6.1434

Protanopia

220.5120, -19.9724, 12.7060

Deuteranopia

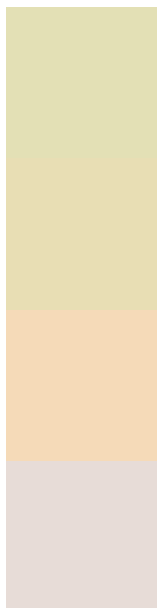
223.0670, -18.2740, 28.0052



Tritanopia

224.0210, 4.9196, 8.7516

Trichromacy



Original Color

219.9950, -19.2245, 6.1434

Protanomaly

220.2020, -19.8196, 10.3468

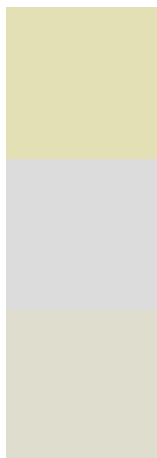
Deuteranomaly

222.1970, -18.8311, 19.9982

Tritanomaly

222.7190, -3.8055, 7.2624

Monochromacy



Original Color

219.9950, -19.2245, 6.1434

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8880, -6.8468, 2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.9950, -19.2245, 6.1434 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(227, 224, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 224, 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(227, 224, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 224, 181) }
```

Border

The CSS property to change the border of an element to YUV 219.9950, -19.2245, 6.1434 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(227, 224, 181) }
```


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

```
.border{ border-color:rgb(227, 224, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 224, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 224, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 224, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 224,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 219.9950, -19.2245, 6.1434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 224, 181) }
```

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

```
.background{ background-color: rgb(227,  
224, 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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