

Converting Colors

YUV(199.8810, -19.6613,
6.2434)

Have a look what the booklet for
YUV(199.8810, -19.6613, 6.2434)
contains.

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Color

**YUV(199.8810, -19.6613,
6.2434)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCCA0
RGB	207, 204, 160
RGB Percent	81%, 80%, 63%
CMY	0.1882, 0.2000, 0.3725
CMYK	0.00, 0.01, 0.23, 0.19
HSL	56°, 33%, 72%
HSV	56°, 23%, 81%
XYZ	53.6702, 58.9892, 41.8150
YIQ	199.8810, 15.9120, -13.0480

Conversions

Conversions Part 2

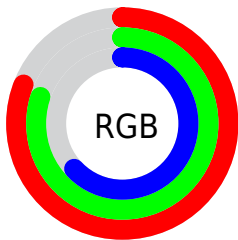
Format	Color
RYB	163, 207, 160
Decimal	13618336
CIELab	81.29, -6.06, 22.36
CIElCh	81, 23.167, 105.173
Yxy	58.9892, 0.3474, 0.3819
Android (android.graphics.Color)	4291808416 (0xFFCFCCA0)
YUV	199.8810, -19.6613, 6.2434
Hunter-Lab	76.8044, -9.6737, 21.4835

Details

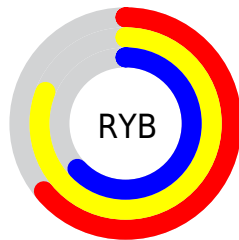
The YUV color $199.8810, -19.6613, 6.2434$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $167.1190, 19.6613, -6.2434$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.4400, -17.4719, 3.9991$, and $145.8100, -18.6403, 5.4286$ is the 20% darker color. If you saturate the color by 10%, you get $196.9000, -28.5447, 8.8577$, and if you desaturate by 10%, it is $202.8620, -10.7780, 3.6290$.

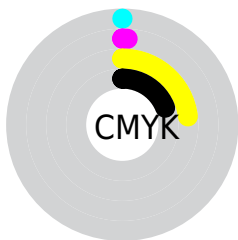
Distribution



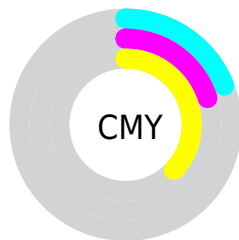
- Red (81%)
- Green (80%)
- Blue (63%)



- Red (64%)
- Yellow (81%)
- Blue (63%)



- Cyan (0%)
- Magenta (1%)
- Yellow (23%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.8810, -19.6613, 6.2434 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 199.8810, -19.6613, 6.2434 by changing the saturation by 10% instead.

■ 199.8810,
-19.6613, 6.2434

■ 199.8810,
-19.6613, 6.2434

■ 255.0000, 0.0000,
0.0000

■ 172.6960,
-19.0771, 5.5286

■ 250.4400,
-17.4719, 3.9991

■ 145.8100,
-18.6403, 5.4286

■ 253.6320, -5.2416,
1.1997

■ 120.0380,
-17.7667, 5.2287

■ 95.1520, -17.3299,
5.1287

■ 71.0810, -16.3089,
4.3140

■ 48.8960, -15.7247,
3.5992

■ 28.3520, -13.9775,

3.1993

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 199.8810,
-19.6613, 6.2434

■ 199.8810,
-19.6613, 6.2434

■ 196.9000,
-28.5447, 8.8577

■ 202.8620,
-10.7780, 3.6290

■ 193.4460,
-36.7019, 11.8869

■ 206.3160, -2.6208,
0.5999

■ 190.4650,
-45.5852, 14.5012

■ 209.2970, 6.2626,
-2.0145

■ 187.4840,
-54.4686, 17.1155

■ 212.2780, 15.1459,
-4.6288

■ 184.0300,
-62.6258, 20.1447

■ 214.8200, 19.8087,
-6.8581

■ 181.0490,
-71.5092, 22.7590

■ 215.4070, 19.5193,
-7.3729

■ 178.0680,
-80.3925, 25.3734

■ 215.9940, 19.2300,
-7.8877

■ 175.7710,
-86.6551, 27.3878

■ 217.1680, 18.6512,
-8.9173

■ 217.7550, 18.3618,
-9.4321

Harmonies

Analogous

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



202.3500, -20.8786, 23.3720



199.8810, -19.6613, 6.2434



197.1820, -12.9077, -13.3146

Triad

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



199.8810, -19.6613, 6.2434



194.2470, 18.6122, -43.1896



206.2130, 3.8390, 28.7542

Complementary

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



199.8810, -19.6613, 6.2434



167.1190, 19.6613, -6.2434

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.



205.3340, 13.6393, 11.9851



199.8810, -19.6613, 6.2434



197.9480, 22.2106, -30.6494

Square

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



199.8810, -19.6613, 6.2434



192.8420, 9.4449, -42.8344



202.3250, 20.5458, -9.9320



205.5100, -6.6604, 36.3867

Rectangle

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



199.8810, -19.6613, 6.2434



195.5270, -6.1758, -25.8952



202.3250, 20.5458, -9.9320



205.8040, 7.4916, 23.8509

Sweetspot

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



199.8810, -19.6613, 6.2434



252.3610, -7.5730, 2.3144



174.3950, -5.6177, 28.5946



126.1590, -4.5154, 1.6146



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.



199.8810, -19.6613, 6.2434



244.7860, -28.9815, 8.9577



195.6620, -17.5814, -7.5966



103.1590, -4.5154, 1.6146



142.9780, -70.4882, 21.9443



34.5650, -17.0405, 5.6435

Inverse Universe

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



167.1190, 19.6613, -6.2434



196.8010, 28.6921, -9.4725



171.3380, 17.5814, 7.5966



95.8410, 4.5154, -1.6146



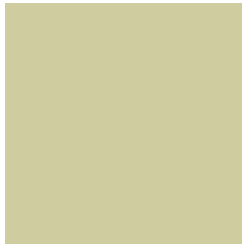
25.6090, 70.1988, -22.4591



6.4350, 17.0405, -5.6435

Previews

White Background



This preview shows how the YUV color 199.8810, -19.6613, 6.2434 looks on a white background.

Color Contrast Check

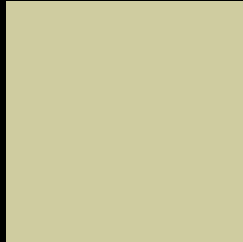
Large Text (above 18pt) WCAG AA × Fail

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 199.8810, -19.6613, 6.2434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

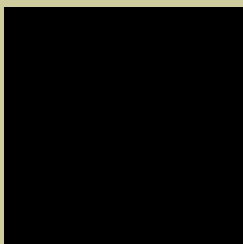
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

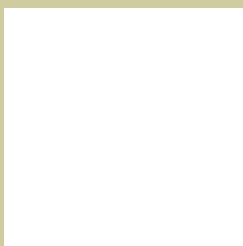
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.8810, -19.6613, 6.2434

Background



This preview shows how black text looks on a background with the YUV color 199.8810, -19.6613, 6.2434.



This preview shows how white text looks on a background with the YUV color 199.8810, -19.6613, 6.2434.

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

199.8810, -19.6613, 6.2434

Protanopia

200.9850, -20.6986, 12.2912

Deuteranopia

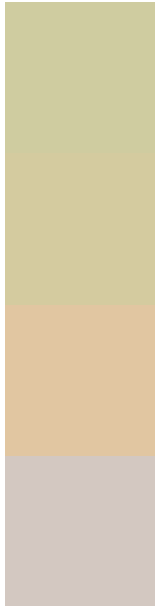
202.6110, -20.0212, 28.4052



Tritanopia

203.7930, 4.0461, 8.9515

Trichromacy



Original Color

199.8810, -19.6613, 6.2434

Protanomaly

200.6750, -20.5458, 9.9320

Deuteranomaly

201.8550, -20.1415, 20.2982

Tritanomaly

202.4910, -4.6791, 7.4624

Monochromacy



Original Color

199.8810, -19.6613, 6.2434

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.7740, -7.2836, 2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8810, -19.6613, 6.2434 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(207, 204, 160)` looks like.

```
.text, #text, p{  
    color:rgb(207, 204, 160)  
}
```

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(207, 204, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 204, 160) }
```

Border

The CSS property to change the border of an element to YUV 199.8810, -19.6613, 6.2434 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(207, 204, 160) }
```


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

```
.border{ border-color:rgb(207, 204, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 204, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 204, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 204, 160);  
box-shadow:4px 4px 4px 4px rgb(207, 204,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 199.8810, -19.6613, 6.2434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 204, 160) }
```

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

```
.background{ background-color: rgb(207,  
204, 160) }
```

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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