

Converting Colors

YUV(205.8960, -19.1757,
-9.5558)

Have a look what the booklet for
YUV(205.8960, -19.1757, -9.5558)
contains.

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Color

**YUV(205.8960, -19.1757,
-9.5558)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DBA7
RGB	195, 219, 167
RGB Percent	76%, 86%, 65%
CMY	0.2353, 0.1412, 0.3451
CMYK	0.11, 0.00, 0.24, 0.14
HSL	88°, 42%, 76%
HSV	88°, 24%, 86%
XYZ	54.8122, 65.0552, 46.2272
YIQ	205.8960, 2.3880, -21.2600

Conversions

Conversions Part 2

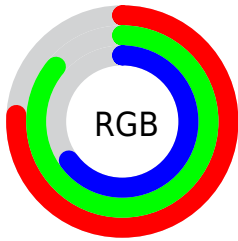
Format	Color
RYB	167, 219, 191
Decimal	12835751
CIELab	84.51, -17.06, 22.98
CIELCh	85, 28.620, 126.591
Yxy	65.0552, 0.3300, 0.3917
Android (android.graphics.Color)	4291025831 (0xFFC3DBA7)
YUV	205.8960, -19.1757, -9.5558
Hunter-Lab	80.6568, -19.8454, 22.4786

Details

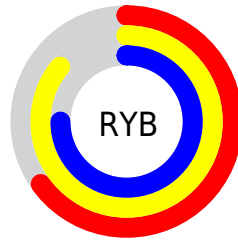
The YUV color **205.8960, -19.1757, -9.5558** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **180.1040, 19.1757, 9.5558**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.3410, -13.9721, 1.4549**, and **151.5370, -18.0127, -9.2409** is the 20% darker color. If you saturate the color by 10%, you get **200.3980, -27.3112, -13.5040**, and if you desaturate by 10%, it is **211.3940, -11.0402, -5.6075**.

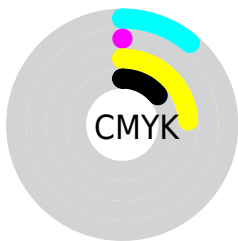
Distribution



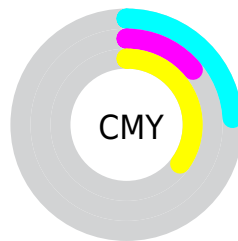
- Red (76%)
- Green (86%)
- Blue (65%)



- Red (65%)
- Yellow (86%)
- Blue (75%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.8960, -19.1757, -9.5558 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 205.8960, -19.1757, -9.5558 by changing the saturation by 10% instead.

■ 205.8960,
-19.1757, -9.5558

■ 205.8960,
-19.1757, -9.5558

255.0000, 0.0000,
0.0000

■ 178.3090,
-18.8863, -9.0410

■ 250.3410,
-13.9721, 1.4549

■ 151.5370,
-18.0127, -9.2409

■ 254.5440, -1.7472,
0.3999

■ 125.6510,
-17.5759, -9.3409

■ 100.1780,
-16.8498, -8.9261

■ 76.2920, -16.4130,
-9.0261

■ 52.9330, -15.2500,
-8.7112

■ 31.2320, -15.3974,

-8.0965

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 205.8960,
-19.1757, -9.5558

■ 205.8960,
-19.1757, -9.5558

■ 200.3980,
-27.3112, -13.5040

■ 211.3940,
-11.0402, -5.6075

■ 194.9000,
-35.4467, -17.4523

■ 216.8920, -2.9048,
-1.6593

■ 189.4020,
-43.5822, -21.4006

■ 222.3900, 5.2307,
2.2890

■ 183.9040,
-51.7177, -25.3488

■ 227.8880, 13.3662,
6.2372

■ 178.2210,
-59.2690, -30.0118

■ 231.1770, 11.7447,
12.9998

■ 172.7230,
-67.4044, -33.9601

■ 233.8680, 10.4181,
18.5328

■ 167.2250,
-75.5399, -37.9083

■ 163.8350,
-80.7707, -40.1973

Harmonies

Analogous

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



209.0300, -25.6508, 14.0057



205.8960, -19.1757, -9.5558



202.0700, -6.4435, -33.3874

Triad

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



205.8960, -19.1757, -9.5558



203.3590, 25.4590, -45.9188



211.8460, -2.8821, 37.8461

Complementary

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



205.8960, -19.1757, -9.5558



180.1040, 19.1757, 9.5558

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.



215.4890, 8.6329, 31.1431



205.8960, -19.1757, -9.5558



208.5410, 22.9043, -19.7685

Square

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



205.8960, -19.1757, -9.5558



199.4300, 20.9870, -58.2591



214.2070, 19.6179, 7.7115



210.6430, -15.1070, 38.9011

Rectangle

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



205.8960, -19.1757, -9.5558



200.2130, 3.3460, -46.6678



214.2070, 19.6179, 7.7115



213.4590, 0.7597, 36.4315

Sweetspot

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



205.8960, -19.1757, -9.5558



250.5560, -6.6831, -3.1186



196.0490, -14.3212, 20.1280



125.2510, -4.0677, -1.9741



0.0000, 0.0000, 0.0000



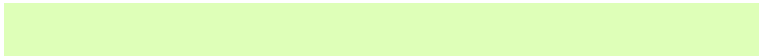
128.0000, 0.0000, 0.0000

Same Dimension

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



205.8960, -19.1757, -9.5558



237.0390, -26.1482, -13.1892



198.4210, -15.4906, -24.9252



107.2510, -4.0677, -1.9741



129.3580, -63.7735, -31.8860



34.4770, -16.9972, -8.3113

Inverse Universe

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



180.1040, 19.1757, 9.5558



201.9610, 26.1482, 13.1892



187.5790, 15.4906, 24.9252



101.7490, 4.0677, 1.9741



43.6420, 63.7735, 31.8860



11.5230, 16.9972, 8.3113

Previews

White Background



This preview shows how the YUV color 205.8960, -19.1757, -9.5558 looks on a white background.

Color Contrast Check

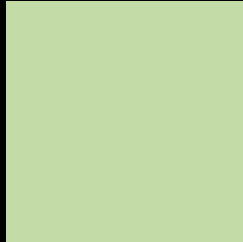
Large Text (above 18pt) WCAG AA × Fail

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 205.8960, -19.1757, -9.5558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

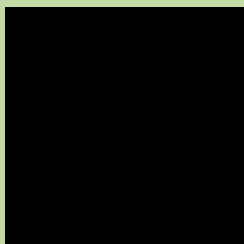
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

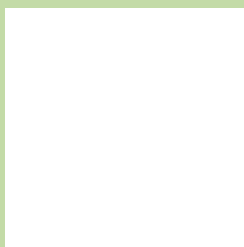
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 205.8960, -19.1757, -9.5558

Background



This preview shows how black text looks on a background with the YUV color 205.8960, -19.1757, -9.5558.



This preview shows how white text looks on a background with the YUV color 205.8960, -19.1757, -9.5558.

-9.5558.

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

205.8960, -19.1757, -9.5558

Protanopia

209.1270, -22.7406, 13.9206

Deuteranopia

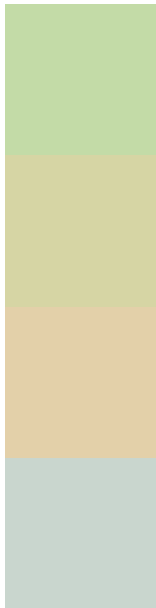
211.2090, -20.3160, 29.6347



Tritanopia

210.8450, 8.4574, -6.0031

Trichromacy



Original Color

205.8960, -19.1757, -9.5558

Protanomaly

207.7130, -21.5505, 5.5137

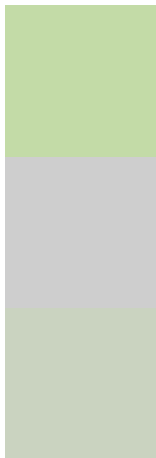
Deuteranomaly

209.2350, -19.8359, 15.5799

Tritanomaly

209.2010, -1.5781, -7.1923

Monochromacy



Original Color

205.8960, -19.1757, -9.5558

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.1430, -6.9725, -3.6334

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.8960, -19.1757, -9.5558 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(195, 219, 167)` looks like.

```
.text, #text, p{  
    color:rgb(195, 219, 167)  
}
```

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(195, 219, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 219, 167) }
```

Border

The CSS property to change the border of an element to YUV 205.8960, -19.1757, -9.5558 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(195, 219, 167) }
```


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

```
.border{ border-color:rgb(195, 219, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 219, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 219, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 219, 167); box-shadow:4px 4px 4px 4px rgb(195, 219, 167) }
```

Background

The CSS property to change the background color of an element to YUV 205.8960, -19.1757, -9.5558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 219, 167) }
```

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

```
.background{ background-color: rgb(195,  
219, 167) }
```

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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