

# Converting Colors

YUV(205.0500, -5.9407, -7.9369)

Have a look what the booklet for  
YUV(205.0500, -5.9407, -7.9369)  
contains.

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# Color

**YUV(205.0500, -5.9407,  
-7.9369)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4D4C1
RGB	196, 212, 193
RGB Percent	77%, 83%, 76%
CMY	0.2314, 0.1686, 0.2431
CMYK	0.08, 0.00, 0.09, 0.17
HSL	111°, 18%, 79%
HSV	111°, 9%, 83%
XYZ	55.9341, 62.6730, 59.6011
YIQ	205.0500, -3.4370, -9.3010

# Conversions

## Conversions Part 2

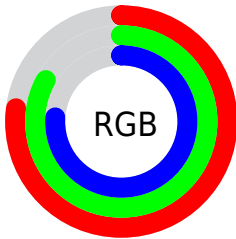
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 212, 209
Decimal	12899521
CIELab	83.27, -8.89, 7.55
CIELCh	83, 11.661, 139.644
Yxy	62.6730, 0.3139, 0.3517
Android (android.graphics.Color)	4291089601 (0xFFC4D4C1)
YUV	205.0500, -5.9407, -7.9369
Hunter-Lab	79.1663, -12.4237, 10.7793

# Details

The YUV color **205.0500, -5.9407, -7.9369** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199.9500, 5.9407, 7.9369**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.7180, -2.3260, -0.6297**, and **150.4630, -5.6513, -7.4221** is the 20% darker color. If you saturate the color by 10%, you get **197.2740, -12.4601, -16.9033**, and if you desaturate by 10%, it is **212.8260, 0.5788, 1.0296**.

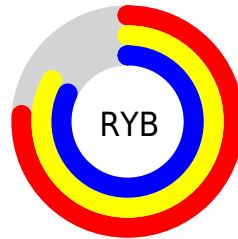
# Distribution



Red (77%)

Green (83%)

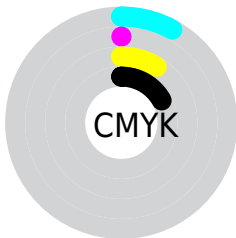
Blue (76%)



Red (76%)

Yellow (83%)

Blue (82%)

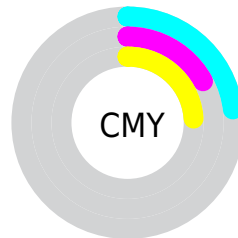


Cyan (8%)

Magenta (0%)

Yellow (9%)

Black (17%)



Cyan (23%)

Magenta (17%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 205.0500, -5.9407, -7.9369 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 205.0500, -5.9407, -7.9369 by changing the saturation by 10% instead.





 205.0500, -5.9407,  
-7.9369

 205.0500, -5.9407,  
-7.9369


255.0000, 0.0000,  
0.0000


 177.4630, -5.6513,  
-7.4221


 253.7180, -2.3260,  
-0.6297

 150.4630, -5.6513,  
-7.4221

 124.8760, -5.3619,  
-6.9073

 99.9900, -4.9251,  
-7.0072

 75.9900, -4.9251,  
-7.0072

 53.4030, -4.6357,  
-6.4924

 31.8160, -4.3463,

-5.9776

■ 9.9790, -4.9196,  
-8.7516

■ 0.0000, 0.0000,  
0.0000

■ 205.0500, -5.9407,  
-7.9369

■ 205.0500, -5.9407,  
-7.9369

■ 197.2740,  
-12.4601, -16.9033

■ 212.8260, 0.5788,  
1.0296

■ 189.4980,  
-18.9795, -25.8697

■ 220.6020, 7.0982,  
9.9960

■ 181.6080,  
-25.9357, -34.7362

■ 228.2640, 13.1808,  
19.0625

■ 174.1310,  
-32.6026, -43.0879

■ 229.7590, 12.4438,  
22.1364

■ 166.3550,  
-39.1220, -52.0543

■ 158.5790,  
-45.6414, -61.0208

■ 150.8030,  
-52.1609, -69.9872

■ 142.9130,  
-59.1171, -78.8537

■ 135.1370,  
-65.6365, -87.8201

# Harmonies

## Analogous

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



206.4920, -9.6096, 2.1995



205.0500, -5.9407, -7.9369



204.0750, -0.5300, -16.7288

# Triad

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



205.0500, -5.9407, -7.9369



206.7840, 10.9525, -12.9656



209.2690, -4.5696, 19.0581

# Complementary

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



205.0500, -5.9407, -7.9369



199.9500, 5.9407, 7.9369

# 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.



209.7400, 1.1142, 16.0140



205.0500, -5.9407, -7.9369



208.2090, 9.7570, -2.8143

# Square

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



205.0500, -5.9407, -7.9369



204.3980, 9.6638, -19.6430



209.6510, 6.0881, 7.3221



208.8190, -8.7848, 17.6987



# Rectangle

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



205.0500, -5.9407, -7.9369



203.7910, 3.5540, -19.9877



209.6510, 6.0881, 7.3221



209.7250, -2.8224, 18.6582

# Sweetspot

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



205.0500, -5.9407, -7.9369



252.2940, -2.6099, -2.8888



208.0730, -7.4310, 3.4440



125.8210, -1.8838, -2.4740



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

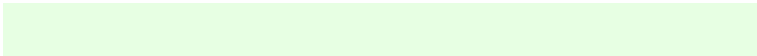


# Same Dimension

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



205.0500, -5.9407, -7.9369



244.6320, -8.6926, -11.9553



204.8370, -2.8776, -10.3810



103.0550, -3.4781, -4.4332



108.4500, -53.4658, -71.4316



27.3340, -13.4757, -17.8329



# Inverse Universe

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



199.9500, 5.9407, 7.9369



237.3680, 8.6926, 11.9553



200.1630, 2.8776, 10.3810



99.9450, 3.4781, 4.4332



62.5500, 53.4659, 71.4317



15.9650, 13.3283, 18.4477



# Previews

## White Background



This preview shows how the YUV color 205.0500, -5.9407, -7.9369 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

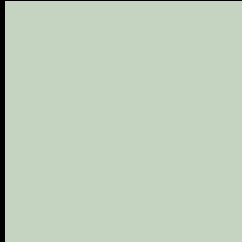
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 205.0500, -5.9407, -7.9369 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

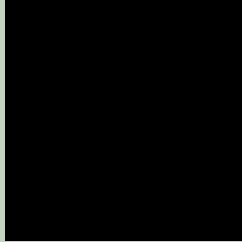
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

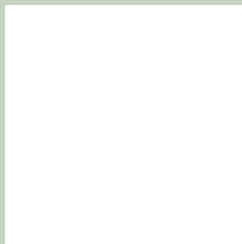
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 205.0500, -5.9407, -7.9369

## Background



This preview shows how black text looks on a background with the YUV color 205.0500, -5.9407, -7.9369.



This preview shows how white text looks on a background with the YUV color 205.0500, -5.9407, -7.9369.

-7.9369.

# 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

205.0500, -5.9407, -7.9369

### Protanopia

206.8670, -8.3154, 7.1326

### Deuteranopia

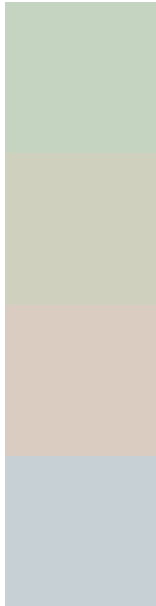
208.9980, -6.9010, 20.1728



## Tritanopia

207.1440, 8.3100, -5.3883

# Trichromacy



## Original Color

205.0500, -5.9407, -7.9369

## Protanomaly

206.0620, -7.4256, 1.6996

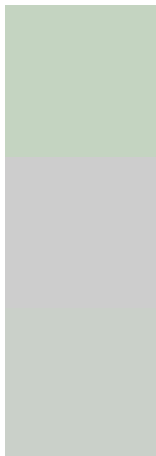
## Deuteranomaly

207.3450, -6.5791, 10.2214

## Tritanomaly

206.4660, 3.2213, -6.5477

# Monochromacy



## Original Color

205.0500, -5.9407, -7.9369

## Achromatopsia

205.0000, 0.0000, 0.0000

## Achromatomaly

205.4080, -2.1731, -2.9888

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 205.0500, -5.9407, -7.9369 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(196, 212, 193)` looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 193)  
}
```

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(196, 212, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 193) }
```

## Border

The CSS property to change the border of an element to YUV 205.0500, -5.9407, -7.9369 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(196, 212, 193) }
```



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

```
.border{ border-color:rgb(196, 212, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 212, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 193);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
193) }
```

# Background

The CSS property to change the background color of an element to YUV 205.0500, -5.9407, -7.9369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 193) }
```

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

```
.background{ background-color: rgb(196,  
212, 193) }
```

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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