

# Converting Colors

YUV(195.8170, -9.2768,  
-11.2405)

Have a look what the booklet for  
YUV(195.8170, -9.2768, -11.2405)  
contains.

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# Color

**YUV(195.8170, -9.2768,  
-11.2405)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7CEB1
RGB	183, 206, 177
RGB Percent	72%, 81%, 69%
CMY	0.2824, 0.1922, 0.3059
CMYK	0.11, 0.00, 0.14, 0.19
HSL	108°, 23%, 75%
HSV	108°, 14%, 81%
XYZ	49.5356, 57.3842, 50.0604
YIQ	195.8170, -4.3990, -13.8950

# Conversions

## Conversions Part 2

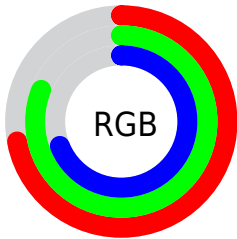
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 206, 200
Decimal	12046001
CIELab	80.40, -13.12, 11.84
CIElCh	80, 17.672, 137.951
Yxy	57.3842, 0.3156, 0.3656
Android (android.graphics.Color)	4290236081 (0xFFB7CEB1)
YUV	195.8170, -9.2768, -11.2405
Hunter-Lab	75.7524, -15.8430, 13.8453

# Details

The YUV color **195.8170, -9.2768, -11.2405** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **187.1830, 9.2768, 11.2405**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.7080, -7.2510, -7.6369**, and **142.2300, -8.9874, -10.7257** is the 20% darker color. If you saturate the color by 10%, you get **188.6390, -16.0910, -18.9774**, and if you desaturate by 10%, it is **202.9950, -2.4625, -3.5036**.

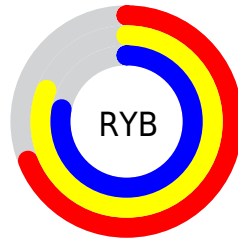
# Distribution



Red (72%)

Green (81%)

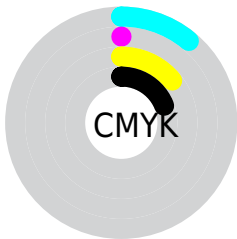
Blue (69%)



Red (69%)

Yellow (81%)

Blue (78%)

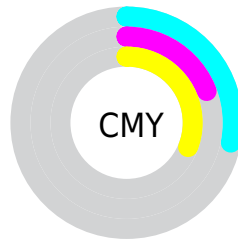


Cyan (11%)

Magenta (0%)

Yellow (14%)

Black (19%)



Cyan (28%)

Magenta (19%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 195.8170, -9.2768, -11.2405 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 195.8170, -9.2768, -11.2405 by changing the saturation by 10% instead.



■ 195.8170, -9.2768,  
-11.2405

■ 195.8170, -9.2768,  
-11.2405

255.0000, 0.0000,  
0.0000

■ 168.2300, -8.9874,  
-10.7257

■ 247.7080, -7.2510,  
-7.6369

■ 142.2300, -8.9874,  
-10.7257

■ 116.6430, -8.6980,  
-10.2109

■ 91.7570, -8.2612,  
-10.3109

■ 68.2840, -7.5350,  
-9.8961

■ 45.6970, -7.2456,  
-9.3813

■ 24.1810, -7.9772,

-8.0517

■ 1.7610, -0.8682,  
-1.5444

■ 0.0000, 0.0000,  
0.0000

■ 195.8170, -9.2768,  
-11.2405

■ 195.8170, -9.2768,  
-11.2405

■ 188.6390,  
-16.0910, -18.9774

■ 202.9950, -2.4625,  
-3.5036

■ 181.2760,  
-22.3211, -27.4291

■ 210.3580, 3.7675,  
4.9480

■ 174.0980,  
-29.1353, -35.1659

■ 217.5360, 10.5818,  
12.6849

■ 167.0340,  
-35.5128, -43.0028

■ 224.1440, 15.2120,  
20.9217

■ 159.5570,  
-42.1796, -51.3545

■ 226.2370, 14.1802,  
25.2252

■ 152.3790,  
-48.9938, -59.0914

■ 145.3150,  
-55.3713, -66.9283

■ 137.8380,  
-62.0381, -75.2799

■ 133.7790,  
-65.9530, -79.6132

# Harmonies

## Analogous

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



197.5370, -14.5617, 3.9141



195.8170, -9.2768, -11.2405



194.2050, -1.0871, -24.7358

# Triad

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



195.8170, -9.2768, -11.2405



197.2220, 16.6526, -21.2427



202.2810, -6.0545, 28.6946

# Complementary

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



195.8170, -9.2768, -11.2405



187.1830, 9.2768, 11.2405

# 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.



203.0120, 1.9661, 22.7915



195.8170, -9.2768, -11.2405



200.5660, 15.0040, -5.7584

# Square

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



195.8170, -9.2768, -11.2405



194.4720, 14.0643, -31.1089



201.9980, 9.8610, 10.5258



201.2500, -12.4482, 26.0908



# Rectangle

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



195.8170, -9.2768, -11.2405



193.3660, 4.7496, -30.1390



201.9980, 9.8610, 10.5258



202.6660, -3.2863, 27.4799

# Sweetspot

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



195.8170, -9.2768, -11.2405



251.4680, -3.1887, -3.9184



199.1720, -10.9308, 5.9882



125.4080, -2.1731, -2.9888



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

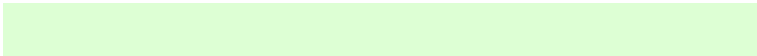


# Same Dimension

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



195.8170, -9.2768, -11.2405



239.9320, -13.7705, -16.6034



194.9350, -4.8980, -15.7290



98.4680, -3.1887, -3.9184



107.6080, -53.0507, -64.5542



24.6980, -12.1761, -14.6441



# Inverse Universe

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



187.1830, 9.2768, 11.2405



227.0680, 13.7705, 16.6034



188.0650, 4.8980, 15.7290



95.5320, 3.1887, 3.9184



58.0930, 53.1982, 63.9394



13.3020, 12.1761, 14.6441



# Previews

## White Background



This preview shows how the YUV color 195.8170, -9.2768, -11.2405 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

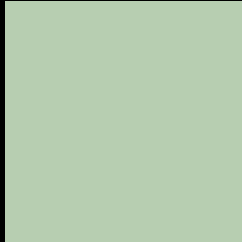
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 195.8170, -9.2768, -11.2405 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

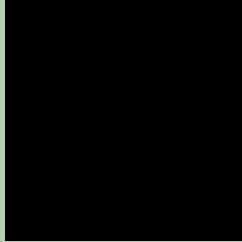
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

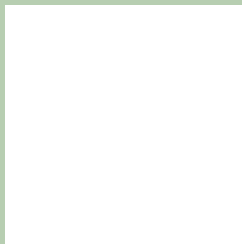
Any Text WCAG AAA ✓ Pass

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

# YUV 195.8170, -9.2768, -11.2405 Background



This preview shows how black text looks on a background with the YUV color 195.8170, -9.2768, -11.2405.



This preview shows how white text looks on a background with the YUV color 195.8170, -9.2768, -11.2405.

-11.2405.

# 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

195.8170, -9.2768, -11.2405

### Protanopia

199.0260, -12.8308, 8.7472

### Deuteranopia

200.4990, -10.1060, 21.4874



## Tritanopia

198.5350, 8.6102, -8.3622

# Trichromacy



## Original Color

195.8170, -9.2768, -11.2405

## Protanomaly

198.2100, -11.9355, 1.5698

## Deuteranomaly

198.8350, -9.7787, 9.7917

## Tritanomaly

197.5150, 2.2111, -9.2217

# Monochromacy



## Original Color

195.8170, -9.2768, -11.2405

## Achromatopsia

196.0000, 0.0000, 0.0000

## Achromatomaly

196.0550, -3.4781, -4.4332

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 195.8170, -9.2768, -11.2405 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(183, 206, 177)` looks like.

```
.text, #text, p{  
    color:rgb(183, 206, 177)  
}
```

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(183, 206, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 206, 177) }
```

## Border

The CSS property to change the border of an element to YUV 195.8170, -9.2768, -11.2405 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(183, 206, 177) }
```



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

```
.border{ border-color:rgb(183, 206, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 206, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 206, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 206, 177);  
box-shadow:4px 4px 4px 4px rgb(183, 206,  
177) }
```

# Background

The CSS property to change the background color of an element to YUV 195.8170, -9.2768, -11.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 206, 177) }
```

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

```
.background{ background-color: rgb(183,  
206, 177) }
```

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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