

# Converting Colors

YUV(200.9040, -31.5047,  
-21.8408)

Have a look what the booklet for  
YUV(200.9040, -31.5047, -21.8408)  
contains.

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# Color

**YUV(200.9040, -31.5047,  
-21.8408)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0E289
RGB	176, 226, 137
RGB Percent	69%, 89%, 54%
CMY	0.3098, 0.1137, 0.4627
CMYK	0.22, 0.00, 0.39, 0.11
HSL	94°, 61%, 71%
HSV	94°, 39%, 89%
XYZ	49.6162, 65.4290, 33.6809
YIQ	200.9040, -1.2310, -38.2790

# Conversions

## Conversions Part 2

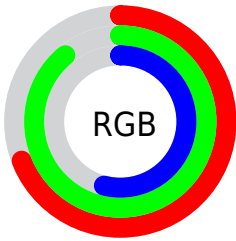
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 226, 187
Decimal	11592329
CIELab	84.70, -31.48, 38.37
CIElCh	85, 49.628, 129.367
Yxy	65.4290, 0.3336, 0.4399
Android (android.graphics.Color)	4289782409 (0xFFB0E289)
YUV	200.9040, -31.5047, -21.8408
Hunter-Lab	80.8882, -32.0637, 31.9340

# Details

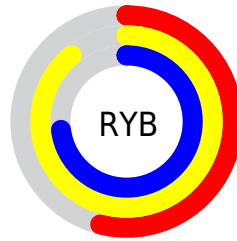
The YUV color **200.9040, -31.5047, -21.8408** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **162.0960, 31.5047, 21.8408**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.1260, -24.7121, -7.1265**, and **146.0720, -29.6155, -21.1111** is the 20% darker color. If you saturate the color by 10%, you get **194.3950, -39.6347, -27.5334**, and if you desaturate by 10%, it is **207.4130, -23.3746, -16.1482**.

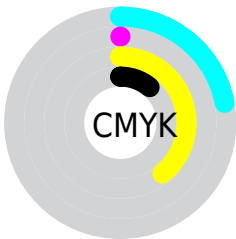
# Distribution



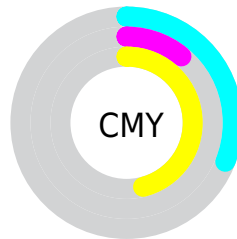
- Red (69%)
- Green (89%)
- Blue (54%)



- Red (54%)
- Yellow (89%)
- Blue (73%)



- Cyan (22%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 200.9040, -31.5047, -21.8408 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 200.9040, -31.5047, -21.8408 by changing the saturation by 10% instead.



■ 200.9040,  
-31.5047, -21.8408

■ 200.9040,  
-31.5047, -21.8408

255.0000, 0.0000,  
0.0000

■ 173.1320,  
-30.6311, -22.0408

■ 241.1260,  
-24.7121, -7.1265

■ 146.0720,  
-29.6155, -21.1111

■ 251.0100,  
-15.2879, 3.4992

■ 119.8870,  
-29.0313, -21.8259

■ 254.2020, -3.0576,  
0.6998

■ 94.3000, -28.7419,  
-21.3111

■ 68.7730, -29.4681,  
-21.7259

■ 45.5860, -22.4739,  
-25.0699

■ 27.0020, -13.3120,

-23.6808

■ 14.6750, -7.2348,  
-12.8700

■ 0.0000, 0.0000,  
0.0000

■ 200.9040,  
-31.5047, -21.8408

■ 200.9040,  
-31.5047, -21.8408

■ 194.3950,  
-39.6347, -27.5334

■ 207.4130,  
-23.3746, -16.1482

■ 188.2990,  
-47.4754, -32.7112

■ 213.5090,  
-15.5339, -10.9704

■ 181.7900,  
-55.6055, -38.4038

■ 220.0180, -7.4039,  
-5.2778

■ 175.3950,  
-63.2987, -44.1964

■ 226.4130, 0.2894,  
0.5148

■ 169.1850,  
-71.5762, -49.2742

■ 232.6230, 8.5669,  
5.5926

■ 162.6760,  
-79.7063, -54.9669

■ 237.0800, 8.8346,  
13.0848

■ 162.2630,  
-79.9957, -55.4817

■ 237.9770, 8.3923,  
14.9292

# Harmonies

## Analogous

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



206.2420, -43.9963, 18.2048



200.9040, -31.5047, -21.8408



191.9210, -7.3561, -67.4597

# Triad

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



200.9040, -31.5047, -21.8408



180.5800, 36.6891, -101.3637



200.9550, -1.4568, 47.3975

# Complementary

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



200.9040, -31.5047, -21.8408



162.0960, 31.5047, 21.8408

# Split Complementary

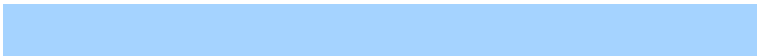
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



209.3620, 18.0625, 40.0245



200.9040, -31.5047, -21.8408



202.2620, 25.9998, -32.6788

# Square

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



200.9040, -31.5047, -21.8408



166.4280, 43.6660, -145.9574



213.2130, 20.6010, 19.1072



200.6350, -22.9911, 47.6781



# Rectangle

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



200.9040, -31.5047, -21.8408



179.7000, 14.4449, -106.7309



213.2130, 20.6010, 19.1072



202.7790, 5.5320, 45.7978

# Sweetspot

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



200.9040, -31.5047, -21.8408



246.3830, -11.0348, -7.3519



192.3740, -27.2994, 29.4900



122.6590, -6.2409, -4.9629



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

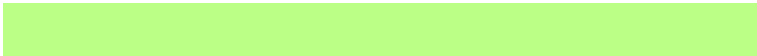


# Same Dimension

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



200.9040, -31.5047, -21.8408



221.2870, -42.5395, -29.1927



189.6990, -24.0086, -46.2170



108.9520, -3.9203, -2.5889



126.3350, -62.2832, -43.2668



34.4550, -16.9863, -11.8000



# Inverse Universe

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



162.0960, 31.5047, 21.8408



168.7130, 42.5395, 29.1927



173.3010, 24.0086, 46.2170



104.0480, 3.9203, 2.5889



49.6650, 62.2832, 43.2668

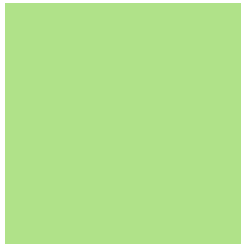


13.5450, 16.9863, 11.8000



# Previews

## White Background



This preview shows how the YUV color 200.9040, -31.5047, -21.8408 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 200.9040, -31.5047, -21.8408 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

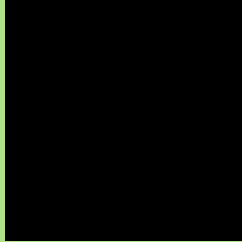
Any Text WCAG AA ✓ Pass

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 200.9040, -31.5047, -21.8408 Background



This preview shows how black text looks on a background with the YUV color 200.9040, -31.5047, -21.8408.



This preview shows how white text looks on a background with the YUV color 200.9040, -31.5047, -21.8408.

-21.8408.

# 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

200.9040, -31.5047, -21.8408

### Protanopia

207.5610, -37.7446, 19.6790

### Deuteranopia

210.2240, -33.1414, 36.6376



## **Tritanopia**

209.4630, 11.1107, -17.0691

# Trichromacy



## Original Color

200.9040, -31.5047, -21.8408

## Protanomaly

204.7440, -35.3698, 4.6095

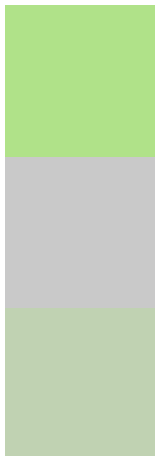
## Deuteranomaly

206.9070, -32.4922, 14.9906

## Tritanomaly

206.3260, -4.5977, -18.7029

# Monochromacy



## Original Color

200.9040, -31.5047, -21.8408

## Achromatopsia

201.0000, 0.0000, 0.0000

## Achromatomaly

200.9700, -11.3242, -7.8667

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 200.9040, -31.5047, -21.8408 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(176, 226, 137)` looks like.

```
.text, #text, p{  
    color:rgb(176, 226, 137)  
}
```

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(176, 226, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 226, 137) }
```

## Border

The CSS property to change the border of an element to YUV 200.9040, -31.5047, -21.8408 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(176, 226, 137) }
```



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

```
.border{ border-color:rgb(176, 226, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 226, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 226, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 226, 137);  
box-shadow:4px 4px 4px 4px rgb(176, 226,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 200.9040, -31.5047, -21.8408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 226, 137) }
```

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

```
.background{ background-color: rgb(176,  
226, 137) }
```

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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