

# Converting Colors

YUV(199.5900, -41.7029,  
29.3006)

Have a look what the booklet for  
YUV(199.5900, -41.7029, 29.3006)  
contains.

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# Color

**YUV(199.5900, -41.7029,  
29.3006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9C773
RGB	233, 199, 115
RGB Percent	91%, 78%, 45%
CMY	0.0863, 0.2196, 0.5490
CMYK	0.00, 0.15, 0.51, 0.09
HSL	43°, 73%, 68%
HSV	43°, 51%, 91%
XYZ	57.1222, 59.4083, 24.6759
YIQ	199.5900, 47.2280, -18.9160

# Conversions

## Conversions Part 2

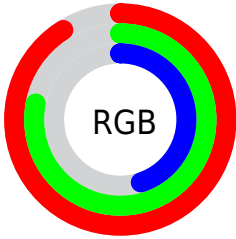
Format	Color
<a href="#">RYB</a>	<a href="#">163, 233, 115</a>
Decimal	<a href="#">15320947</a>
CIELab	<a href="#">81.52, 1.62, 46.19</a>
CIELCh	<a href="#">82, 46.222, 87.988</a>
Yxy	<a href="#">59.4083, 0.4045, 0.4207</a>
Android (android.graphics.Color)	<a href="#">4293511027</a> ( <a href="#">0xFFE9C773</a> )
YUV	<a href="#">199.5900, -41.7029, 29.3006</a>
Hunter-Lab	<a href="#">77.0768, -2.5966, 34.9722</a>

# Details

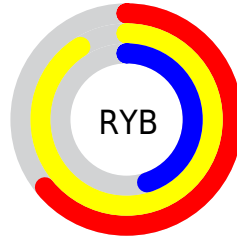
The YUV color  $199.5900, -41.7029, 29.3006$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $148.4100, 41.7029, -29.3006$ , and the grayscale version is  $200.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $245.0820, -38.0014, 8.6981$ , and  $144.7360, -39.8028, 26.5415$  is the 20% darker color. If you saturate the color by 10%, you get  $192.8590, -49.7235, 35.2037$ , and if you desaturate by 10%, it is  $206.3210, -33.6823, 23.3975$ .

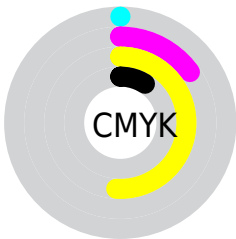
# Distribution



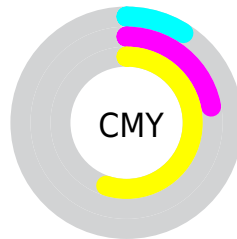
- Red (91%)
- Green (78%)
- Blue (45%)



- Red (64%)
- Yellow (91%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (51%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 199.5900, -41.7029, 29.3006 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 199.5900, -41.7029, 29.3006 by changing the saturation by 10% instead.



199.5900,  
-41.7029, 29.3006

199.5900,  
-41.7029, 29.3006

255.0000, 0.0000,  
0.0000

172.1060,  
-40.9713, 27.9710

245.0820,  
-38.0014, 8.6981

144.7360,  
-39.8028, 26.5415

248.2740,  
-25.7711, 5.8987

118.8390,  
-39.3606, 24.6972

251.5800,  
-13.1039, 2.9993

92.4860, -40.6656,  
23.2528

254.8860, -0.4368,  
0.1000

70.0710, -34.5450,  
20.1087

49.3830, -24.3458,  
15.4501

29.2820, -14.4360,

10.2767

■ 6.2350, -3.0739,  
5.9329

■ 0.0000, 0.0000,  
0.0000

■ 199.5900,  
-41.7029, 29.3006

■ 199.5900,  
-41.7029, 29.3006

■ 192.8590,  
-49.7235, 35.2037

■ 206.3210,  
-33.6823, 23.3975

■ 186.6010,  
-58.4703, 40.6919

■ 212.5790,  
-24.9354, 17.9092

■ 179.8700,  
-66.4909, 46.5950

■ 219.3100,  
-16.9148, 12.0061

■ 173.1390,  
-74.5115, 52.4981

■ 226.0410, -8.8942,  
6.1030

167.1090,  
-82.3847, 57.7864

232.8860, -0.4368,  
0.1000

239.0300, 7.8732,  
-5.2883

243.1390, 5.8475,  
-8.8919

247.2480, 3.8217,  
-12.4955

248.4220, 3.2430,  
-13.5251

# Harmonies

## Analogous

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



199.0730, -34.0530, 49.0480



199.5900, -41.7029, 29.3006



195.0910, -35.0479, -5.3418

# Triad

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



199.5900, -41.7029, 29.3006



159.6630, 40.5921, -140.0245



208.2310, 20.0991, 40.1394

# Complementary

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



199.5900, -41.7029, 29.3006



148.4100, 41.7029, -29.3006

# 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.



202.4710, 25.8968, 0.4639



199.5900, -41.7029, 29.3006



165.3970, 44.1743, -122.2512

# Square

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



199.5900, -41.7029, 29.3006



176.1750, 10.7597, -91.3615



190.3350, 31.8798, -52.0368



198.4590, 4.2107, 49.5865



# Rectangle

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



199.5900, -41.7029, 29.3006



191.2000, -23.7626, -31.7474



190.3350, 31.8798, -52.0368



207.6640, 23.3366, 28.3587

# Sweetspot

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



199.5900, -41.7029, 29.3006



244.2110, -13.4150, 9.4620



154.2720, -2.1061, 69.0445



121.2690, -8.0206, 5.9031



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.



199.5900, -41.7029, 29.3006



210.8010, -55.1179, 38.7625



212.3720, -48.0044, -2.9572



113.9850, -3.9366, 2.6442



129.8420, -64.0121, 44.8656



38.4520, -18.9568, 13.6356



# Inverse Universe

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



148.4100, 41.7029, -29.3006



143.1990, 55.1179, -38.7625



135.6280, 48.0044, 2.9572



109.0150, 3.9366, -2.6442



51.1580, 64.0121, -44.8656



14.9610, 19.2462, -13.1208



# Previews

## White Background



This preview shows how the YUV color 199.5900, -41.7029, 29.3006 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

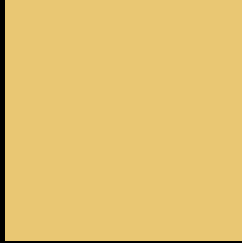
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 199.5900, -41.7029, 29.3006 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 199.5900, -41.7029, 29.3006

## Background



This preview shows how black text looks on a background with the YUV color 199.5900, -41.7029, 29.3006.



This preview shows how white text looks on a background with the YUV color 199.5900, -41.7029, 29.3006.



# 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

199.5900, -41.7029, 29.3006

### Protanopia

198.7630, -40.8022, 20.3788

### Deuteranopia

200.3680, -41.5934, 40.8963



## Tritanopia

206.1440, -1.5500, 30.5687

# Trichromacy



## Original Color

199.5900, -41.7029, 29.3006

## Protanomaly

199.3720, -41.1024, 23.3528

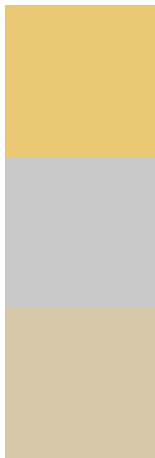
## Deuteranomaly

200.0470, -41.4352, 36.7928

## Tritanomaly

203.9470, -16.2429, 29.8645

# Monochromacy



## Original Color

199.5900, -41.7029, 29.3006

## Achromatopsia

200.0000, 0.0000, 0.0000

## Achromatomaly

200.0540, -15.3096, 10.4766

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 199.5900, -41.7029, 29.3006 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(233, 199, 115)` looks like.

```
.text, #text, p{  
    color:rgb(233, 199, 115)  
}
```

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(233, 199, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 199, 115) }
```

## Border

The CSS property to change the border of an element to YUV 199.5900, -41.7029, 29.3006 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(233, 199, 115) }
```



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

```
.border{ border-color:rgb(233, 199, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 199, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 199, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 199, 115); box-shadow:4px 4px 4px 4px rgb(233, 199, 115) }
```

# Background

The CSS property to change the background color of an element to YUV 199.5900, -41.7029, 29.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 199, 115) }
```

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

```
.background{ background-color: rgb(233,  
199, 115) }
```

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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