

# Converting Colors

YUV(191.4810, -19.4641,  
36.4122)

Have a look what the booklet for  
YUV(191.4810, -19.4641, 36.4122)  
contains.

<b>YUV(191.4810, -19.4641, 36.4122)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(191.4810, -19.4641,  
36.4122)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E9B298
RGB	233, 178, 152
RGB Percent	91%, 70%, 60%
CMY	0.0863, 0.3020, 0.4039
CMYK	0.00, 0.24, 0.35, 0.09
HSL	19°, 65%, 75%
HSV	19°, 35%, 91%
XYZ	55.1922, 51.4314, 36.7241
YIQ	191.4810, 41.1260, 3.5740

# Conversions

## Conversions Part 2

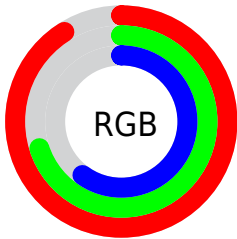
Format	Color
R <sub>Y</sub> B	233, 190, 152
Decimal	15315608
CIE Lab	76.94, 16.54, 21.02
CIE LCh	77, 26.749, 51.807
Yxy	51.4314, 0.3850, 0.3588
Android (android.graphics.Color)	4293505688 (0xFFE9B298)
YUV	191.4810, -19.4641, 36.4122
Hunter-Lab	71.7157, 11.8705, 19.8399

# Details

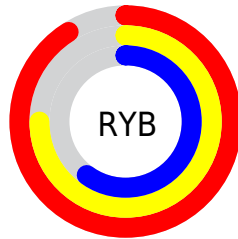
The YUV color  $191.4810, -19.4641, 36.4122$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $193.5190, 19.4641, -36.4122$ , and the grayscale version is  $192.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $237.0870, -15.3259, 15.7097$ , and  $137.5130, -18.0009, 33.7531$  is the 20% darker color. If you saturate the color by 10%, you get  $179.4670, -24.8802, 46.9484$ , and if you desaturate by 10%, it is  $203.4950, -14.0480, 25.8759$ .

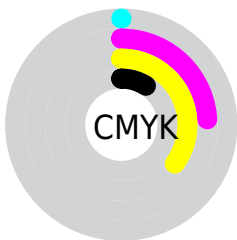
# Distribution



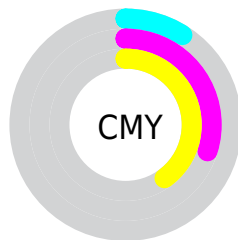
- Red (91%)
- Green (70%)
- Blue (60%)



- Red (91%)
- Yellow (75%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)
- Black (9%)



- Cyan (9%)
- Magenta (30%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 191.4810, -19.4641, 36.4122 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 191.4810, -19.4641, 36.4122 by changing the saturation by 10% instead.



191.4810,  
-19.4641, 36.4122

191.4810,  
-19.4641, 36.4122

255.0000, 0.0000,  
0.0000

163.9970,  
-18.7325, 35.0826

237.0870,  
-15.3259, 15.7097

137.5130,  
-18.0009, 33.7531

252.7200, -8.7360,  
1.9996

111.7300,  
-17.1219, 31.8088

86.9470, -16.2429,  
29.8645

63.1640, -15.3639,  
27.9202

39.9680, -14.7742,  
25.4611

19.3250, -9.5272,

22.5170

■ 2.6910, -1.3267,  
5.5330

■ 0.0000, 0.0000,  
0.0000

■ 191.4810,  
-19.4641, 36.4122

■ 191.4810,  
-19.4641, 36.4122

■ 179.4670,  
-24.8802, 46.9484

■ 203.4950,  
-14.0480, 25.8759

■ 167.3390,  
-30.7331, 57.5847

■ 215.6230, -8.1951,  
15.2396

■ 155.9120,  
-36.4386, 67.6062

■ 227.0500, -2.4896,  
5.2182

■ 143.8980,  
-41.8547, 78.1425

■ 239.0640, 2.9264,  
-5.3181

■ 131.8840,  
-47.2708, 88.6787

■ 248.4220, 3.2430,  
-13.5251

■ 119.7560,  
-53.1237, 99.3150

■ 113.6920,  
-56.0502, 104.6331

# Harmonies

## Analogous

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



193.3320, -10.0237, 41.8048



191.4810, -19.4641, 36.4122



189.5410, -23.9307, 22.3275

# Triad

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



191.4810, -19.4641, 36.4122



180.5620, 0.7089, -40.8349



191.4010, 21.9873, -5.6137

# Complementary

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



191.4810, -19.4641, 36.4122



193.5190, 19.4641, -36.4122

# 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.



185.8600, 25.7050, -31.4492



191.4810, -19.4641, 36.4122



178.6280, 13.9874, -53.1708

# Square

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



191.4810, -19.4641, 36.4122



183.6650, -12.1598, -19.8772



181.0550, 23.1439, -50.0372



193.9650, 13.3283, 18.4477



# Rectangle

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



191.4810, -19.4641, 36.4122



187.3930, -22.8717, 9.3023



181.0550, 23.1439, -50.0372



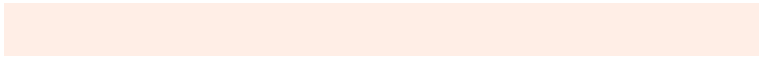
189.8020, 23.7616, -14.7354

# Sweetspot

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



191.4810, -19.4641, 36.4122



242.1710, -6.0003, 11.2510



182.4890, 12.0839, 44.2981



119.7190, -3.8055, 7.2624



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.



191.4810, -19.4641, 36.4122



199.9510, -25.6118, 48.2780



214.9610, -31.0398, 15.8202



111.0500, -2.4896, 5.2182



88.1650, -43.4653, 81.4163



26.1250, -12.8796, 24.4464

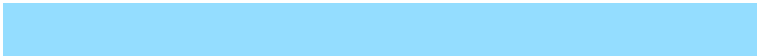


# Inverse Universe

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



193.5190, 19.4641, -36.4122



203.0490, 25.6118, -48.2780



170.0390, 31.0398, -15.8202



111.9500, 2.4897, -5.2181



92.8350, 43.4653, -81.4163



27.2880, 13.1690, -23.9316



# Previews

## White Background



This preview shows how the YUV color 191.4810, -19.4641, 36.4122 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

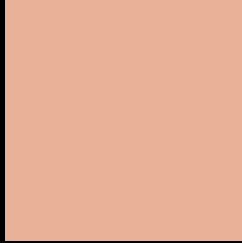
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 191.4810, -19.4641, 36.4122 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 191.4810, -19.4641, 36.4122

## Background



This preview shows how black text looks on a background with the YUV color 191.4810, -19.4641, 36.4122.



This preview shows how white text looks on a background with the YUV color 191.4810, -19.4641,



# 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

191.4810, -19.4641, 36.4122

### Protanopia

189.6410, -15.5990, 9.9618

### Deuteranopia

191.0130, -19.7264, 27.1756



## Tritanopia

193.6180, -3.7557, 38.0460

# Trichromacy



## Original Color

191.4810, -19.4641, 36.4122

## Protanomaly

190.6530, -17.0839, 19.5983

## Deuteranomaly

191.0350, -19.7373, 30.6643

## Tritanomaly

193.1250, -9.4286, 37.6014

# Monochromacy



## Original Color

191.4810, -19.4641, 36.4122

## Achromatopsia

191.0000, 0.0000, 0.0000

## Achromatomaly

190.9540, -6.8793, 13.1953

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 191.4810, -19.4641, 36.4122 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, 178, 152)` looks like.

```
.text, #text, p{  
    color:rgb(233, 178, 152)  
}
```

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, 178, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 178, 152) }
```

## Border

The CSS property to change the border of an element to YUV 191.4810, -19.4641, 36.4122 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, 178, 152) }
```



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

```
.border{ border-color:rgb(233, 178, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 178, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 178, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 178, 152);  
box-shadow:4px 4px 4px 4px rgb(233, 178,  
152) }
```

# Background

The CSS property to change the background color of an element to YUV 191.4810, -19.4641, 36.4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 178, 152) }
```

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

```
.background{ background-color: rgb(233,  
178, 152) }
```

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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