

# Converting Colors

YUV(191.7740, -17.1436,  
38.7862)

Have a look what the booklet for  
YUV(191.7740, -17.1436, 38.7862)  
contains.

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# Color

**YUV(191.7740, -17.1436,  
38.7862)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECB09D
RGB	236, 176, 157
RGB Percent	93%, 69%, 62%
CMY	0.0745, 0.3098, 0.3843
CMYK	0.00, 0.25, 0.33, 0.07
HSL	14°, 68%, 77%
HSV	14°, 33%, 93%
XYZ	56.2032, 51.3179, 38.8414
YIQ	191.7740, 41.8590, 6.8110

# Conversions

## Conversions Part 2

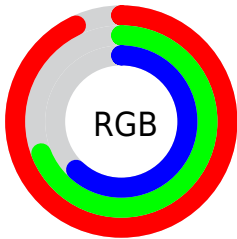
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 182, 157
Decimal	15511709
CIE Lab	76.87, 19.37, 18.28
CIE LCh	77, 26.631, 43.347
Yxy	51.3179, 0.3840, 0.3506
Android (android.graphics.Color)	4293701789 (0xFFECB09D)
YUV	191.7740, -17.1436, 38.7862
Hunter-Lab	71.6365, 14.6803, 17.9984

# Details

The YUV color  $191.7740, -17.1436, 38.7862$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $201.2260, 17.1436, -38.7862$ , and the grayscale version is  $192.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $236.5970, -12.1263, 16.1394$ , and  $137.8060, -15.6804, 36.1271$  is the 20% darker color. If you saturate the color by 10%, you get  $178.4720, -22.4177, 50.4521$ , and if you desaturate by 10%, it is  $205.0760, -11.8695, 27.1203$ .

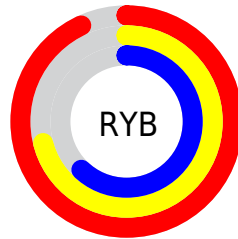
# Distribution



Red (93%)

Green (69%)

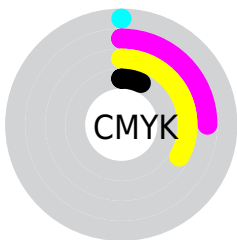
Blue (62%)



Red (93%)

Yellow (71%)

Blue (62%)

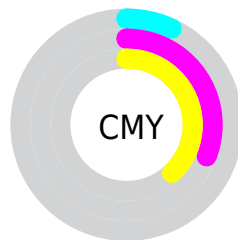


Cyan (0%)

Magenta (25%)

Yellow (33%)

Black (7%)



Cyan (7%)

Magenta (31%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 191.7740, -17.1436, 38.7862 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 191.7740, -17.1436, 38.7862 by changing the saturation by 10% instead.



191.7740,  
-17.1436, 38.7862

191.7740,  
-17.1436, 38.7862

255.0000, 0.0000,  
0.0000

164.2900,  
-16.4120, 37.4567

236.5970,  
-12.1263, 16.1394

137.8060,  
-15.6804, 36.1271

253.2900, -6.5520,  
1.4997

111.9090,  
-15.2381, 34.2828

87.1260, -14.3591,  
32.3385

63.1580, -12.8959,  
29.6794

40.3750, -12.0169,  
27.7351

18.1620, -8.9539,

25.2909

■ 4.4850, -2.2111,  
9.2217

■ 0.0000, 0.0000,  
0.0000

■ 191.7740,  
-17.1436, 38.7862

■ 191.7740,  
-17.1436, 38.7862

■ 178.4720,  
-22.4177, 50.4521

■ 205.0760,  
-11.8695, 27.1203

■ 165.2840,  
-27.2550, 62.0179

■ 218.2640, -7.0322,  
15.5545

■ 151.9820,  
-32.5291, 73.6838

■ 231.5660, -1.7580,  
3.8886

■ 138.7940,  
-37.3664, 85.2497

■ 244.7540, 3.0793,  
-7.6773

■ 125.4920,  
-42.6406, 96.9155

■ 249.3190, 2.8007,  
-11.6808

■ 112.1900,  
-47.9147, 108.5814

■ 104.0230,  
-51.2833, 115.7438

# Harmonies

## Analogous

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



193.1300, -6.9661, 41.1050



191.7740, -17.1436, 38.7862



189.5030, -22.9260, 26.7459

# Triad

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



191.7740, -17.1436, 38.7862



181.2700, -3.0911, -35.3168



189.6990, 23.3194, -12.8910

# Complementary

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



191.7740, -17.1436, 38.7862



201.2260, 17.1436, -38.7862

# 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.



184.4140, 25.4319, -37.1971



191.7740, -17.1436, 38.7862



178.7270, 10.4876, -50.6266

# Square

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



191.7740, -17.1436, 38.7862



184.1990, -15.3811, -13.3295



179.8760, 21.2601, -52.5113



193.3170, 16.1127, 12.0000



# Rectangle

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



191.7740, -17.1436, 38.7862



188.3120, -23.3248, 14.6354



179.8760, 21.2601, -52.5113



188.1000, 25.0937, -22.0127

# Sweetspot

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



191.7740, -17.1436, 38.7862



240.9970, -5.4215, 12.2806



187.5750, 14.9995, 42.4687



119.1320, -3.5161, 7.7772



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.



191.7740, -17.1436, 38.7862



198.1730, -22.2703, 49.8373



214.6670, -28.4298, 18.7090



110.4630, -2.2003, 5.7329



79.9470, -39.4139, 88.6235



23.7770, -11.7221, 26.5056

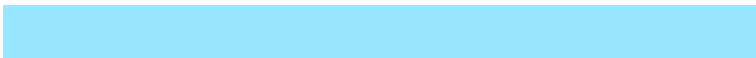


# Inverse Universe

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



201.2260, 17.1436, -38.7862



209.8270, 22.2703, -49.8373



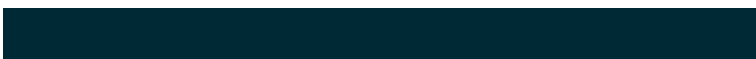
178.3330, 28.4298, -18.7090



111.9500, 2.4897, -5.2181



101.6400, 39.1245, -89.1383



30.2230, 11.7221, -26.5056



# Previews

## White Background



This preview shows how the YUV color 191.7740, -17.1436, 38.7862 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

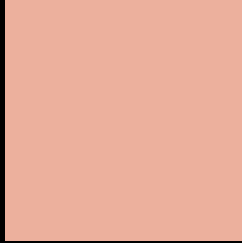
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 191.7740, -17.1436, 38.7862 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

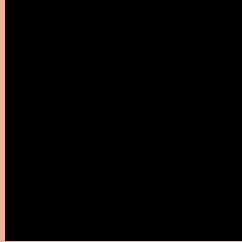
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 191.7740, -17.1436, 38.7862

## Background



This preview shows how black text looks on a background with the YUV color 191.7740, -17.1436, 38.7862.



This preview shows how white text looks on a background with the YUV color 191.7740, -17.1436, 38.7862.

38.7862.

# 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

191.7740, -17.1436, 38.7862

### Protanopia

190.0260, -12.8308, 8.7472

### Deuteranopia

190.9850, -17.2476, 25.4462



## Tritanopia

193.5150, -4.1979, 39.8903

# Trichromacy



## Original Color

191.7740, -17.1436, 38.7862

## Protanomaly

190.6360, -14.6105, 19.6132

## Deuteranomaly

191.0180, -17.2639, 30.6792

## Tritanomaly

192.6630, -8.7079, 39.7605

# Monochromacy



## Original Color

191.7740, -17.1436, 38.7862

## Achromatopsia

192.0000, 0.0000, 0.0000

## Achromatomaly

191.7800, -6.3005, 14.2249

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 191.7740, -17.1436, 38.7862 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(236, 176, 157)` looks like.

```
.text, #text, p{  
    color:rgb(236, 176, 157)  
}
```

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(236, 176, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 176, 157) }
```

## Border

The CSS property to change the border of an element to YUV 191.7740, -17.1436, 38.7862 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(236, 176, 157) }
```



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

```
.border{ border-color:rgb(236, 176, 157) }
```

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

Here you see how a box with a 4 pixel rgb(236, 176, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 176, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 176, 157);  
box-shadow:4px 4px 4px 4px rgb(236, 176,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 191.7740, -17.1436, 38.7862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 176, 157) }
```

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

```
.background{ background-color: rgb(236,  
176, 157) }
```

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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