

# Converting Colors

YUV(179.1830, -20.7962,  
43.6895)

Have a look what the booklet for  
YUV(179.1830, -20.7962, 43.6895)  
contains.

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# Color

**YUV(179.1830, -20.7962,  
43.6895)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5A289
RGB	229, 162, 137
RGB Percent	90%, 64%, 54%
CMY	0.1020, 0.3647, 0.4627
CMYK	0.00, 0.29, 0.40, 0.10
HSL	16°, 64%, 72%
HSV	16°, 40%, 90%
XYZ	49.7488, 44.3048, 29.5965
YIQ	179.1830, 47.9570, 6.4290

# Conversions

## Conversions Part 2

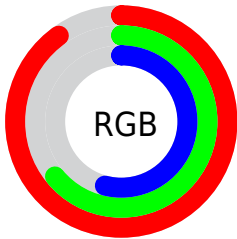
Format	Color
R <sub>Y</sub> B	229, 171, 137
Decimal	15049353
CIE Lab	72.43, 21.78, 22.91
CIE LCh	72, 31.612, 46.453
Yxy	44.3048, 0.4023, 0.3583
Android (android.graphics.Color)	4293239433 (0xFFE5A289)
YUV	179.1830, -20.7962, 43.6895
Hunter-Lab	66.5619, 16.9288, 20.2302

# Details

The YUV color **179.1830, -20.7962, 43.6895** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **186.8170, 20.7962, -43.6895**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.3980, -16.9582, 25.9610**, and **125.6170, -19.0382, 39.8009** is the 20% darker color. If you saturate the color by 10%, you get **166.5820, -25.9229, 54.7406**, and if you desaturate by 10%, it is **191.7840, -15.6695, 32.6384**.

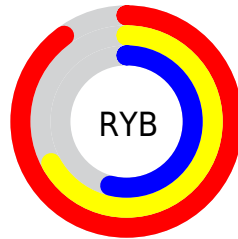
# Distribution



Red (90%)

Green (64%)

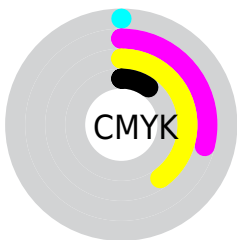
Blue (54%)



Red (90%)

Yellow (67%)

Blue (54%)

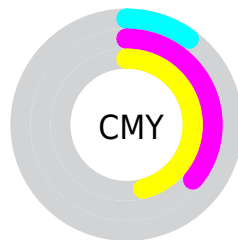


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (10%)



Cyan (10%)

Magenta (36%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 179.1830, -20.7962, 43.6895 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 179.1830, -20.7962, 43.6895 by changing the saturation by 10% instead.



179.1830,  
-20.7962, 43.6895

179.1830,  
-20.7962, 43.6895

255.0000, 0.0000,  
0.0000

152.4000,  
-19.9172, 41.7452

225.3980,  
-16.9582, 25.9610

125.6170,  
-19.0382, 39.8009

245.4990,  
-13.5570, 8.3324

99.8340, -18.1592,  
37.8566

254.0880, -3.4944,  
0.7998

75.7520, -17.1327,  
35.2975

51.7840, -15.6695,  
32.6384

29.1150, -14.3537,  
30.5941

11.9600, -5.8963,

24.5911

0.0000, 0.0000,  
0.0000

179.1830,  
-20.7962, 43.6895

179.1830,  
-20.7962, 43.6895

166.5820,  
-25.9229, 54.7406

191.7840,  
-15.6695, 32.6384

154.5680,  
-31.3390, 65.2769

203.7980,  
-10.2534, 22.1022

141.9670,  
-36.4657, 76.3279

216.3990, -5.1267,  
11.0511

129.3660,  
-41.5924, 87.3790

229.0000, 0.0000,  
0.0000

117.3520,  
-47.0085, 97.9153

240.9000, 4.9793,  
-10.4363

■ 104.8650,  
-51.6984, 108.8664

■ 247.2260, 3.8326,  
-15.9842

# Harmonies

## Analogous

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



180.7180, -8.7350, 48.4823



179.1830, -20.7962, 43.6895



177.0750, -27.1520, 28.8752

# Triad

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



179.1830, -20.7962, 43.6895



166.2580, -1.6062, -44.9533



178.0240, 27.1032, -13.1760

# Complementary

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



179.1830, -20.7962, 43.6895



186.8170, 20.7962, -43.6895

# 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.



170.4500, 30.8372, -44.2446



179.1830, -20.7962, 43.6895



162.1920, 15.1883, -65.0664

# Square

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



179.1830, -20.7962, 43.6895



170.5250, -16.5278, -18.8774



163.3950, 27.4133, -66.1214



181.8060, 17.8436, 16.8331



# Rectangle

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



179.1830, -20.7962, 43.6895



175.5740, -27.3980, 14.4056



163.3950, 27.4133, -66.1214



175.8270, 29.1723, -23.5273

# Sweetspot

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



179.1830, -20.7962, 43.6895



238.5520, -7.1741, 14.4249



172.1460, 15.7040, 49.8610



118.3170, -4.1003, 8.4920



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.



179.1830, -20.7962, 43.6895



188.8490, -27.5336, 58.0144



206.1850, -34.1082, 20.0088



108.3490, -2.6371, 5.8329



82.2840, -40.5660, 84.8199



23.4670, -11.5692, 24.1464

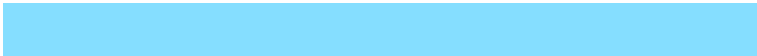


# Inverse Universe

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



186.8170, 20.7962, -43.6895



199.1510, 27.5336, -58.0144



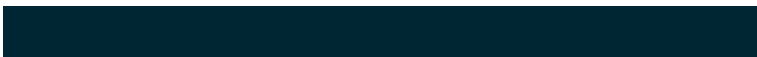
159.8150, 34.1082, -20.0088



109.6510, 2.6371, -5.8329



96.7160, 40.5660, -84.8199



27.5330, 11.5692, -24.1464



# Previews

## White Background



This preview shows how the YUV color 179.1830, -20.7962, 43.6895 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 179.1830, -20.7962, 43.6895 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

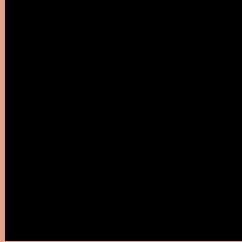
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 179.1830, -20.7962, 43.6895

## Background



This preview shows how black text looks on a background with the YUV color 179.1830, -20.7962, 43.6895.



This preview shows how white text looks on a background with the YUV color 179.1830, -20.7962, 43.6895.

43.6895.

# 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

179.1830, -20.7962, 43.6895

### Protanopia

177.4130, -16.4726, 10.1618

### Deuteranopia

178.2580, -21.3262, 26.9607



## Tritanopia

180.7930, -5.8139, 44.9085

# Trichromacy



## Original Color

179.1830, -20.7962, 43.6895

## Protanomaly

178.0340, -18.2578, 22.7722

## Deuteranomaly

178.7040, -21.0531, 32.7086

## Tritanomaly

180.3000, -11.4869, 44.4639

# Monochromacy



## Original Color

179.1830, -20.7962, 43.6895

## Achromatopsia

179.0000, 0.0000, 0.0000

## Achromatomaly

179.1500, -7.4689, 15.6545

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.1830, -20.7962, 43.6895 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(229, 162, 137)` looks like.

```
.text, #text, p{  
    color:rgb(229, 162, 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(229, 162, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 162, 137) }
```

## Border

The CSS property to change the border of an element to YUV 179.1830, -20.7962, 43.6895 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(229, 162, 137) }
```



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

```
.border{ border-color:rgb(229, 162, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 162, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 162, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 162, 137);  
box-shadow:4px 4px 4px 4px rgb(229, 162,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 179.1830, -20.7962, 43.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 162, 137) }
```

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

```
.background{ background-color: rgb(229,  
162, 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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