

# Converting Colors

YUV(204.5940, -17.5478,  
28.4201)

Have a look what the booklet for  
YUV(204.5940, -17.5478, 28.4201)  
contains.

<b>YUV(204.5940, -17.5478, 28.4201)</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(204.5940, -17.5478,  
28.4201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDC3A9
RGB	237, 195, 169
RGB Percent	93%, 76%, 66%
CMY	0.0706, 0.2353, 0.3373
CMYK	0.00, 0.18, 0.29, 0.07
HSL	23°, 65%, 80%
HSV	23°, 29%, 93%
XYZ	61.6016, 59.8993, 45.8511
YIQ	204.5940, 33.3780, 0.8180

# Conversions

## Conversions Part 2

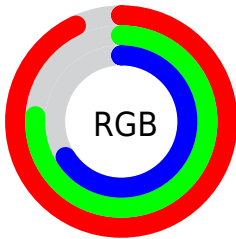
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	237, 211, 169
Decimal	15582121
CIE Lab	81.78, 11.22, 18.68
CIE LCh	82, 21.794, 59.013
Yxy	59.8993, 0.3681, 0.3579
Android (android.graphics.Color)	4293772201 (0xFFEDC3A9)
YUV	204.5940, -17.5478, 28.4201
Hunter-Lab	77.3946, 6.6349, 19.0509

# Details

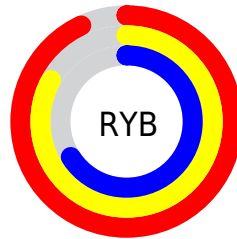
The YUV color  $204.5940, -17.5478, 28.4201$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $201.4060, 17.5478, -28.4201$ , and the grayscale version is  $205.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.7050, -12.6726, 4.6437$ , and  $149.9250, -16.2320, 26.3758$  is the 20% darker color. If you saturate the color by 10%, you get  $193.0530, -23.6901, 38.5415$ , and if you desaturate by 10%, it is  $216.1350, -11.4056, 18.2986$ .

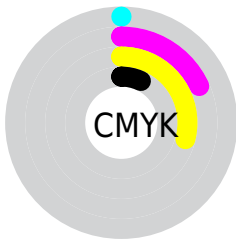
# Distribution



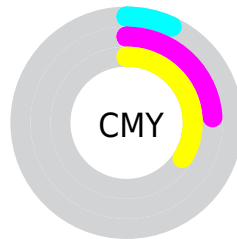
- Red (93%)
- Green (76%)
- Blue (66%)



- Red (93%)
- Yellow (83%)
- Blue (66%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 204.5940, -17.5478, 28.4201 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 204.5940, -17.5478, 28.4201 by changing the saturation by 10% instead.



204.5940,  
-17.5478, 28.4201

204.5940,  
-17.5478, 28.4201

255.0000, 0.0000,  
0.0000

176.9960,  
-17.2530, 27.1905

249.7050,  
-12.6726, 4.6437

149.9250,  
-16.2320, 26.3758

254.7720, -0.8736,  
0.2000

124.3270,  
-15.9372, 25.1462

98.8430, -15.2056,  
23.8167

75.0600, -14.3266,  
21.8724

51.6900, -13.1582,  
20.4429

29.3370, -14.4631,

18.9985

■ 8.3720, -4.1274,  
17.2138

■ 0.0000, 0.0000,  
0.0000

■ 204.5940,  
-17.5478, 28.4201

■ 204.5940,  
-17.5478, 28.4201

■ 193.0530,  
-23.6901, 38.5415

■ 216.1350,  
-11.4056, 18.2986

■ 182.2130,  
-29.6850, 48.0482

■ 226.9750, -5.4107,  
8.7919

■ 170.6720,  
-35.8273, 58.1697

■ 238.5160, 0.7316,  
-1.3295

■ 159.1310,  
-41.9696, 68.2911

■ 249.0310, 2.9427,  
-10.5512

■ 148.1770,  
-48.4013, 77.8978

■ 249.6180, 2.6533,  
-11.0660

■ 136.7500,  
-54.1067, 87.9193

■ 125.7960,  
-60.5384, 97.5259

■ 124.2800,  
-61.2700, 98.8554

# Harmonies

## Analogous

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



206.0600, -10.8756, 35.0274



204.5940, -17.5478, 28.4201



202.9360, -19.6884, 14.9651

# Triad

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



204.5940, -17.5478, 28.4201



195.5780, 3.1660, -35.5869



205.0660, 16.7295, 0.8191

# Complementary

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



204.5940, -17.5478, 28.4201



201.4060, 17.5478, -28.4201

# 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.



201.6720, 20.8677, -19.8833



204.5940, -17.5478, 28.4201



195.1780, 13.2232, -41.3751

# Square

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



204.5940, -17.5478, 28.4201



197.8050, -7.7919, -20.8770



197.9320, 19.7535, -35.8974



206.8250, 8.9603, 19.4475



# Rectangle

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



204.5940, -17.5478, 28.4201



201.0270, -17.7613, 3.4843



197.9320, 19.7535, -35.8974



204.4780, 18.4983, -6.5582

# Sweetspot

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



204.5940, -17.5478, 28.4201



244.1600, -5.9949, 9.5067



194.2340, 8.7586, 37.5058



121.0070, -3.9475, 6.1329



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.



204.5940, -17.5478, 28.4201



213.3840, -22.3743, 36.4972



223.9650, -27.0977, 11.4317



111.6370, -2.7790, 4.7034



94.6220, -46.6486, 75.7535



27.8860, -13.7478, 22.9020

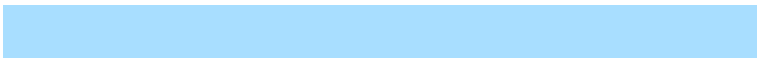


# Inverse Universe

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



201.4060, 17.5478, -28.4201



209.6160, 22.3743, -36.4972



182.0350, 27.0977, -11.4317



111.3630, 2.7790, -4.7034



86.3780, 46.6486, -75.7535



25.5270, 14.0372, -22.3872



# Previews

## White Background



This preview shows how the YUV color 204.5940, -17.5478, 28.4201 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 204.5940, -17.5478, 28.4201 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

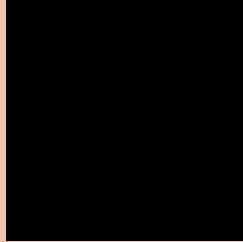
Any Text WCAG AA ✓ Pass

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 204.5940, -17.5478, 28.4201 Background



This preview shows how black text looks on a background with the YUV color 204.5940, -17.5478, 28.4201.



This preview shows how white text looks on a background with the YUV color 204.5940, -17.5478,



# 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**

204.5940, -17.5478, 28.4201

**Protanopia**

202.8690, -14.7254, 9.7619

**Deuteranopia**

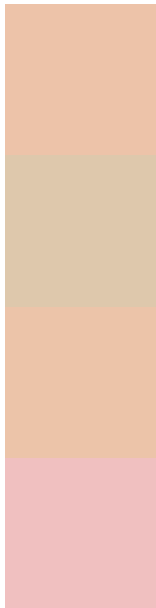
204.5830, -17.5424, 26.6757



## Tritanopia

206.9590, -0.9658, 29.8540

# Trichromacy



## Original Color

204.5940, -17.5478, 28.4201

## Protanomaly

203.3860, -15.4733, 16.3245

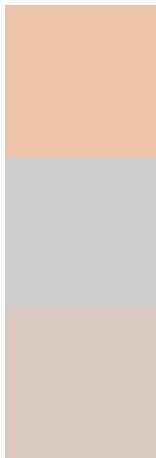
## Deuteranomaly

204.8820, -17.6898, 27.2905

## Tritanomaly

206.3520, -7.0755, 29.5093

# Monochromacy



## Original Color

204.5940, -17.5478, 28.4201

## Achromatopsia

205.0000, 0.0000, 0.0000

## Achromatomaly

204.7580, -6.2897, 10.7362

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.5940, -17.5478, 28.4201 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(237, 195, 169)` looks like.

```
.text, #text, p{  
  color:rgb(237, 195, 169)  
}
```

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(237, 195, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 169) }
```

## Border

The CSS property to change the border of an element to YUV 204.5940, -17.5478, 28.4201 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(237, 195, 169) }
```



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

```
.border{ border-color:rgb(237, 195, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 195, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 195, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 195, 169);  
box-shadow:4px 4px 4px 4px rgb(237, 195,  
169) }
```

# Background

The CSS property to change the background color of an element to YUV 204.5940, -17.5478, 28.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 169) }
```

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

```
.background{ background-color: rgb(237,  
195, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor