

# Converting Colors

YUV(208.6260, -32.8466,  
35.4080)

Have a look what the booklet for  
YUV(208.6260, -32.8466, 35.4080)  
contains.

<b>YUV(208.6260, -32.8466, 35.4080)</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(208.6260, -32.8466,  
35.4080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9C98E
RGB	249, 201, 142
RGB Percent	98%, 79%, 56%
CMY	0.0235, 0.2118, 0.4431
CMYK	0.00, 0.19, 0.43, 0.02
HSL	33°, 90%, 77%
HSV	33°, 43%, 98%
XYZ	64.8361, 63.8660, 34.5013
YIQ	208.6260, 47.5470, -8.1730

# Conversions

## Conversions Part 2

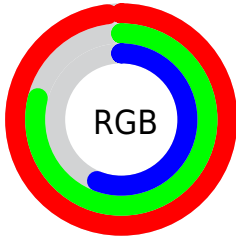
Format	Color
R <sub>Y</sub> B	229, 249, 142
Decimal	16370062
CIE Lab	83.90, 9.56, 35.88
CIE LCh	84, 37.136, 75.083
Yxy	63.8660, 0.3973, 0.3913
Android (android.graphics.Color)	4294560142 (0xFFFF9C98E)
YUV	208.6260, -32.8466, 35.4080
Hunter-Lab	79.9162, 4.9637, 30.3447

# Details

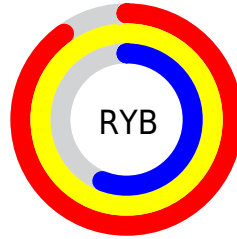
The YUV color  $208.6260, -32.8466, 35.4080$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $182.3740, 32.8466, -35.4080$ , and the grayscale version is  $209.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $248.2740, -25.7711, 5.8987$ , and  $153.7720, -30.9466, 32.6490$  is the 20% darker color. If you saturate the color by 10%, you get  $199.3190, -40.5833, 43.5702$ , and if you desaturate by 10%, it is  $217.9330, -25.1100, 27.2458$ .

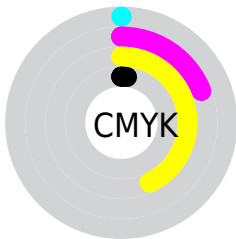
# Distribution



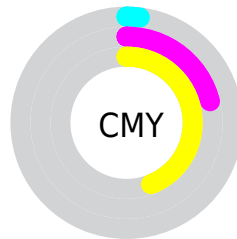
- Red (98%)
- Green (79%)
- Blue (56%)



- Red (90%)
- Yellow (98%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (43%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 208.6260, -32.8466, 35.4080 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 208.6260, -32.8466, 35.4080 by changing the saturation by 10% instead.



208.6260,  
-32.8466, 35.4080

208.6260,  
-32.8466, 35.4080

255.0000, 0.0000,  
0.0000

181.1420,  
-32.1150, 34.0785

248.2740,  
-25.7711, 5.8987

153.7720,  
-30.9466, 32.6490

251.4660,  
-13.5407, 3.0993

126.9890,  
-30.0676, 30.7046

254.7720, -0.8736,  
0.2000

102.2060,  
-29.1886, 28.7603

77.0100, -28.5989,  
26.3012

53.5690, -26.4095,  
24.0570

33.7670, -16.6471,

19.4983

■ 13.0900, -6.4534,  
16.5841

■ 0.0000, 0.0000,  
0.0000

■ 208.6260,  
-32.8466, 35.4080

■ 208.6260,  
-32.8466, 35.4080

■ 199.3190,  
-40.5833, 43.5702

■ 217.9330,  
-25.1100, 27.2458

■ 190.0120,  
-48.3199, 51.7325

■ 227.2400,  
-17.3733, 19.0835

■ 180.1180,  
-55.7672, 60.4095

■ 237.1340, -9.9261,  
10.4065

■ 170.8110,  
-63.5038, 68.5718

■ 246.4410, -2.1894,  
2.2442

■ 161.6180,  
-70.8037, 76.6340

■ 253.2060, 0.8844,  
-3.6887

■ 154.8700,  
-76.3509, 82.5520

# Harmonies

## Analogous

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



206.1290, -22.2486, 42.8599



208.6260, -32.8466, 35.4080



205.6890, -31.8917, 9.0427

# Triad

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



208.6260, -32.8466, 35.4080



189.2010, 18.1419, -79.1063



213.5120, 20.4536, 19.7220

# Complementary

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



208.6260, -32.8466, 35.4080



182.3740, 32.8466, -35.4080

# 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.



206.5030, 23.9090, -15.3501



208.6260, -32.8466, 35.4080



189.8490, 32.1194, -82.3056

# Square

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



208.6260, -32.8466, 35.4080



195.2740, -2.6001, -52.8603



197.7000, 28.2489, -54.1109



210.8320, 8.4638, 38.7353



# Rectangle

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



208.6260, -32.8466, 35.4080



202.5770, -25.4275, -11.0300



197.7000, 28.2489, -54.1109



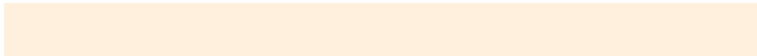
211.6740, 21.3597, 9.0559

# Sweetspot

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



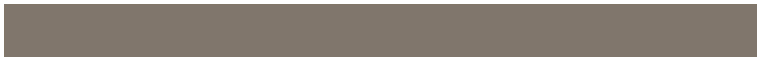
208.6260, -32.8466, 35.4080



242.4330, -10.0735, 11.0213



179.4650, 5.1938, 60.9822



119.7360, -6.2788, 7.2475



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.



208.6260, -32.8466, 35.4080



205.2050, -41.0201, 43.6702



235.3070, -46.0004, 7.6238



119.9960, -3.9420, 4.3885



117.5590, -57.9566, 62.6538

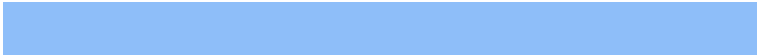


38.1970, -18.8311, 19.9982

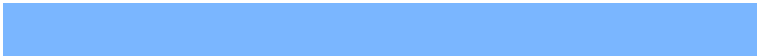


# Inverse Universe

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



182.3740, 32.8466, -35.4080



172.3820, 40.7307, -44.1850



155.6930, 46.0004, -7.6238



117.0040, 3.9420, -4.3885



71.4410, 57.9566, -62.6538



22.8030, 18.8311, -19.9982



# Previews

## White Background



This preview shows how the YUV color 208.6260, -32.8466, 35.4080 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

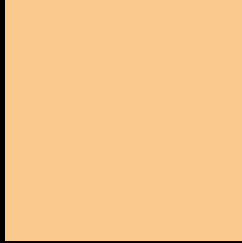
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.6260, -32.8466, 35.4080 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 208.6260, -32.8466, 35.4080

## Background



This preview shows how black text looks on a background with the YUV color 208.6260, -32.8466, 35.4080.



This preview shows how white text looks on a background with the YUV color 208.6260, -32.8466, 35.4080.

35.4080.

# 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

208.6260, -32.8466, 35.4080

### Protanopia

206.7870, -30.4610, 16.8498

### Deuteranopia

208.6370, -32.8520, 37.1524



## Tritanopia

213.1340, -3.0241, 36.7165

# Trichromacy



## Original Color

208.6260, -32.8466, 35.4080

## Protanomaly

207.3040, -31.2089, 23.4124

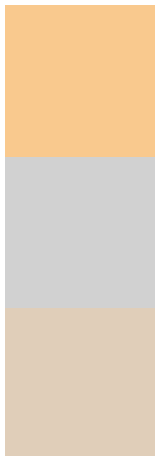
## Deuteranomaly

208.3380, -32.7046, 36.5376

## Tritanomaly

211.5610, -14.0806, 36.3420

# Monochromacy



## Original Color

208.6260, -32.8466, 35.4080

## Achromatopsia

209.0000, 0.0000, 0.0000

## Achromatomaly

208.9880, -11.8261, 13.1655

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.6260, -32.8466, 35.4080 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(249, 201, 142)` looks like.

```
.text, #text, p{  
    color:rgb(249, 201, 142)  
}
```

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(249, 201, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 201, 142) }
```

## Border

The CSS property to change the border of an element to YUV 208.6260, -32.8466, 35.4080 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(249, 201, 142) }
```



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

```
.border{ border-color:rgb(249, 201, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 201, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 201, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 201, 142); box-shadow:4px 4px 4px 4px rgb(249, 201, 142) }
```

# Background

The CSS property to change the background color of an element to YUV 208.6260, -32.8466, 35.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 201, 142) }
```

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

```
.background{ background-color: rgb(249,  
201, 142) }
```

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