

Converting Colors

YUV(209.5250, -39.6988,
39.8816)

Have a look what the booklet for
YUV(209.5250, -39.6988, 39.8816)
contains.

YUV(209.5250, -39.6988, 39.8816)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(209.5250, -39.6988,
39.8816)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA81
RGB	255, 202, 129
RGB Percent	100%, 79%, 51%
CMY	0.0000, 0.2078, 0.4941
CMYK	0.00, 0.21, 0.49, 0.00
HSL	35°, 100%, 75%
HSV	35°, 49%, 100%
XYZ	66.3230, 65.0860, 29.8361
YIQ	209.5250, 55.0210, -11.4670

Conversions

Conversions Part 2

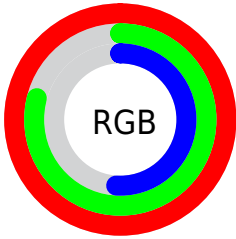
Format	Color
R _Y B	220, 255, 129
Decimal	16763521
CIE Lab	84.53, 10.17, 43.42
CIE LCh	85, 44.596, 76.812
Yxy	65.0860, 0.4113, 0.4036
Android (android.graphics.Color)	4294953601 (0xFFFFCA81)
YUV	209.5250, -39.6988, 39.8816
Hunter-Lab	80.6759, 5.5605, 34.5461

Details

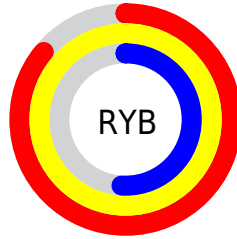
The YUV color $209.5250, -39.6988, 39.8816$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $174.4750, 39.6988, -39.8816$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7920, -31.4495, 7.1984$, and $154.3720, -37.6514, 36.5078$ is the 20% darker color. If you saturate the color by 10%, you get $200.2180, -47.4355, 48.0438$, and if you desaturate by 10%, it is $218.9460, -31.5254, 31.6194$.

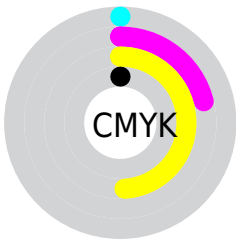
Distribution



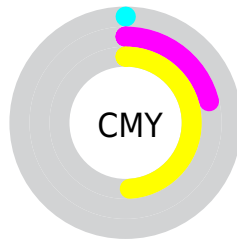
- Red (100%)
- Green (79%)
- Blue (51%)



- Red (86%)
- Yellow (100%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.5250, -39.6988, 39.8816 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 209.5250, -39.6988, 39.8816 by changing the saturation by 10% instead.

209.5250,
-39.6988, 39.8816

209.5250,
-39.6988, 39.8816

255.0000, 0.0000,
0.0000

181.7420,
-38.8198, 37.9373

246.7920,
-31.4495, 7.1984

154.3720,
-37.6514, 36.5078

249.9840,
-19.2191, 4.3990

127.5890,
-36.7724, 34.5634

253.2900, -6.5520,
1.4997

102.3930,
-36.1827, 32.1043

76.7410, -37.3403,
30.0451

55.3520, -27.2885,
26.0013

34.9520, -17.2313,

20.2131

■ 14.8620, -7.3270,
16.7840

■ 0.0000, 0.0000,
0.0000

■ 209.5250,
-39.6988, 39.8816

■ 209.5250,
-39.6988, 39.8816

■ 200.2180,
-47.4355, 48.0438

■ 218.9460,
-31.5254, 31.6194

■ 191.3840,
-55.8983, 55.7912

■ 227.6660,
-23.4993, 23.9719

■ 182.0770,
-63.6350, 63.9535

■ 237.0870,
-15.3259, 15.7097

■ 172.6560,
-71.8084, 72.2157

■ 246.3940, -7.5892,
7.5475

■ 163.3490,
-79.5451, 80.3779

255.0000, 0.0000,
0.0000

■ 163.1210,
-80.4187, 80.5779

Harmonies

Analogous

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



203.8150, -26.0378, 44.8892



209.5250, -39.6988, 39.8816



205.7830, -37.8540, 8.0833

Triad

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



209.5250, -39.6988, 39.8816



177.7990, 27.7071, -113.8337



214.4420, 19.9951, 26.7994

Complementary

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



209.5250, -39.6988, 39.8816



174.4750, 39.6988, -39.8816

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.



206.7910, 23.7670, -16.4797



209.5250, -39.6988, 39.8816



174.8440, 39.5169, -121.7662

Square

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



209.5250, -39.6988, 39.8816



191.6310, -0.8041, -68.9594



193.4810, 30.3289, -67.9508



208.2390, 11.2212, 41.0094

Rectangle

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



209.5250, -39.6988, 39.8816



202.1050, -29.6318, -15.8781



193.4810, 30.3289, -67.9508



212.8810, 20.7647, 13.2594

Sweetspot

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



209.5250, -39.6988, 39.8816



241.2760, -11.9681, 12.0359



172.9440, 5.4506, 71.9631



119.5080, -7.1524, 7.4475



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.



209.5250, -39.6988, 39.8816



200.9190, -47.2881, 47.4290



238.2440, -53.8573, 7.6790



122.9960, -3.9420, 4.3885



122.2660, -60.2771, 60.2797



40.8550, -20.1415, 20.2982

Inverse Universe

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



174.4750, 39.6988, -39.8816



159.0810, 47.2881, -47.4290



145.7560, 53.8573, -7.6790



119.4170, 4.2314, -3.8737



68.7340, 60.2771, -60.2797



23.1450, 20.1415, -20.2982

Previews

White Background



This preview shows how the YUV color 209.5250, -39.6988, 39.8816 looks on a white background.

Color Contrast Check

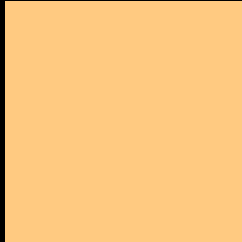
Large Text (above 18pt) WCAG AA × Fail

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 209.5250, -39.6988, 39.8816 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 209.5250, -39.6988, 39.8816 Background



This preview shows how black text looks on a background with the YUV color 209.5250, -39.6988, 39.8816.



This preview shows how white text looks on a background with the YUV color 209.5250, -39.6988, 39.8816.

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

209.5250, -39.6988, 39.8816

Protanopia

207.7890, -36.8710, 19.4790

Deuteranopia

209.7530, -38.8252, 39.6816



Tritanopia

214.4220, -3.1660, 35.5869

Trichromacy



Original Color

209.5250, -39.6988, 39.8816

Protanomaly

208.6050, -37.7663, 26.6564

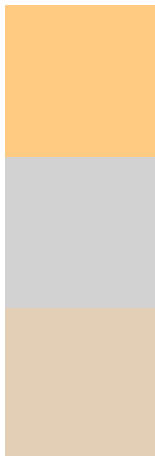
Deuteranomaly

209.6390, -39.2620, 39.7816

Tritanomaly

212.8770, -16.7014, 36.9419

Monochromacy



Original Color

209.5250, -39.6988, 39.8816

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7170, -14.1575, 14.2802

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.5250, -39.6988, 39.8816 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(255, 202, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 129)  
}
```

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(255, 202, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 129) }
```

Border

The CSS property to change the border of an element to YUV 209.5250, -39.6988, 39.8816 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(255, 202, 129) }
```


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

```
.border{ border-color:rgb(255, 202, 129) }
```

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

Here you see how a box with a 4 pixel rgb(255, 202, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 209.5250, -39.6988, 39.8816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 129) }
```

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

```
.background{ background-color: rgb(255,  
202, 129) }
```

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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