

# Converting Colors

YUV(194.3520, -23.8375,  
39.1563)

Have a look what the booklet for  
YUV(194.3520, -23.8375, 39.1563)  
contains.

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# Color

**YUV(194.3520, -23.8375,  
39.1563)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">EFB592</a>
RGB	239, 181, 146
RGB Percent	94%, 71%, 57%
CMY	0.0627, 0.2902, 0.4275
CMYK	0.00, 0.24, 0.39, 0.06
HSL	23°, 74%, 75%
HSV	23°, 39%, 94%
XYZ	57.3088, 53.4738, 34.4951
YIQ	194.3520, 45.8030, 1.4110

# Conversions

## Conversions Part 2

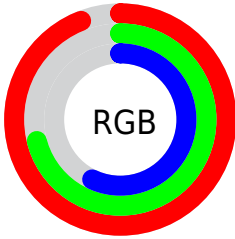
Format	Color
R <sub>Y</sub> B	239, 202, 146
Decimal	15709586
CIE Lab	78.15, 16.57, 25.99
CIE LCh	78, 30.825, 57.481
Yxy	53.4738, 0.3945, 0.3681
Android (android.graphics.Color)	4293899666 (0xFFEFB592)
YUV	194.3520, -23.8375, 39.1563
Hunter-Lab	73.1258, 11.9206, 23.2196

# Details

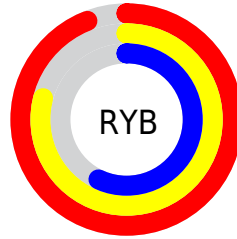
The YUV color  $194.3520, -23.8375, 39.1563$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $190.6480, 23.8375, -39.1563$ , and the grayscale version is  $195.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $238.1640, -18.8149, 14.7652$ , and  $140.0850, -22.2269, 35.8825$  is the 20% darker color. If you saturate the color by 10%, you get  $182.8110, -29.9798, 49.2778$ , and if you desaturate by 10%, it is  $205.8930, -17.6952, 29.0348$ .

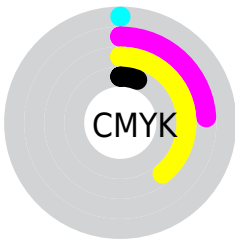
# Distribution



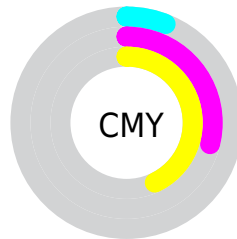
- Red (94%)
- Green (71%)
- Blue (57%)



- Red (94%)
- Yellow (79%)
- Blue (57%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 194.3520, -23.8375, 39.1563 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 194.3520, -23.8375, 39.1563 by changing the saturation by 10% instead.



194.3520,  
-23.8375, 39.1563

194.3520,  
-23.8375, 39.1563

255.0000, 0.0000,  
0.0000

166.8680,  
-23.1059, 37.8268

238.1640,  
-18.8149, 14.7652

140.0850,  
-22.2269, 35.8825

251.9220,  
-11.7935, 2.6994

114.3020,  
-21.3479, 33.9381

89.5190, -20.4689,  
31.9938

65.4370, -19.4424,  
29.4348

42.0130, -19.7264,  
27.1756

21.9830, -10.8376,

22.8169

■ 5.9800, -2.9481,  
12.2955

■ 0.0000, 0.0000,  
0.0000

■ 194.3520,  
-23.8375, 39.1563

■ 194.3520,  
-23.8375, 39.1563

■ 182.8110,  
-29.9798, 49.2778

■ 205.8930,  
-17.6952, 29.0348

■ 171.2700,  
-36.1221, 59.3992

■ 217.4340,  
-11.5530, 18.9134

■ 159.7290,  
-42.2644, 69.5207

■ 228.9750, -5.4107,  
8.7919

■ 148.1880,  
-48.4067, 79.6421

■ 240.5160, 0.7316,  
-1.3295

■ 136.7610,  
-54.1122, 89.6636

■ 250.2160, 2.3585,  
-9.8364

■ 125.8070,  
-60.5439, 99.2703

■ 124.2910,  
-61.2755, 100.5998

# Harmonies

## Analogous

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



196.3390, -13.9711, 47.9377



194.3520, -23.8375, 39.1563



192.2050, -27.7091, 20.8682

# Triad

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



194.3520, -23.8375, 39.1563



180.8210, 4.5252, -51.5860



195.5910, 23.8656, -1.3953

# Complementary

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



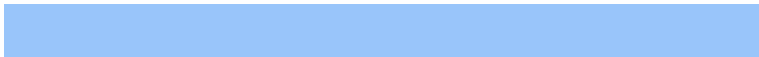
194.3520, -23.8375, 39.1563



190.6480, 23.8375, -39.1563

# 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.



189.8860, 29.6362, -32.3490



194.3520, -23.8375, 39.1563



179.0440, 19.6983, -64.9366

# Square

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



194.3520, -23.8375, 39.1563



185.1370, -11.4065, -28.1841



182.2050, 28.9859, -57.1848



197.6070, 13.0117, 26.6547



# Rectangle

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



194.3520, -23.8375, 39.1563



190.2740, -25.7711, 5.8987



182.2050, 28.9859, -57.1848



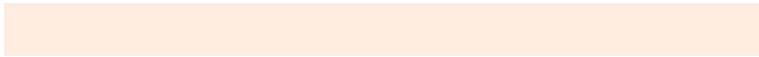
193.9210, 26.6609, -11.3317

# Sweetspot

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



194.3520, -23.8375, 39.1563



240.3130, -8.0423, 12.8805



180.5330, 12.0622, 51.2756



118.9040, -4.3897, 7.9772



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.



194.3520, -23.8375, 39.1563



197.2950, -30.7114, 50.6073



221.3540, -37.1495, 15.4755



113.9360, -2.9264, 5.3181



95.5190, -47.0909, 77.5978



29.0710, -14.3320, 23.6167

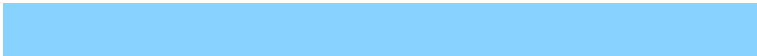


# Inverse Universe

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



190.6480, 23.8375, -39.1563



192.7050, 30.7114, -50.6073



163.6460, 37.1495, -15.4755



113.4770, 3.2158, -4.8033



88.4810, 47.0909, -77.5978



26.9290, 14.3320, -23.6167



# Previews

## White Background



This preview shows how the YUV color 194.3520, -23.8375, 39.1563 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

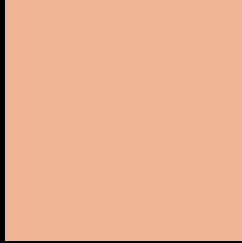
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 194.3520, -23.8375, 39.1563 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

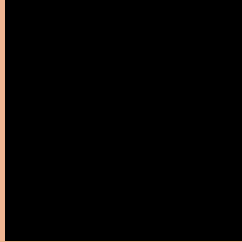
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 194.3520, -23.8375, 39.1563

## Background



This preview shows how black text looks on a background with the YUV color 194.3520, -23.8375, 39.1563.



This preview shows how white text looks on a background with the YUV color 194.3520, -23.8375,

39.1563.

# 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

194.3520, -23.8375, 39.1563

### Protanopia

192.2130, -19.8250, 12.0912

### Deuteranopia

193.8840, -24.0998, 29.9197



## Tritanopia

196.9280, -3.9085, 40.4051

# Trichromacy



## Original Color

194.3520, -23.8375, 39.1563

## Protanomaly

193.2250, -21.3099, 21.7277

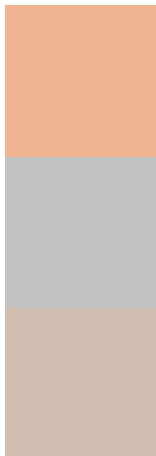
## Deuteranomaly

193.9060, -24.1107, 33.4084

## Tritanomaly

195.9790, -11.3286, 40.3604

# Monochromacy



## Original Color

194.3520, -23.8375, 39.1563

## Achromatopsia

194.0000, 0.0000, 0.0000

## Achromatomaly

193.9110, -8.3371, 14.1101

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.3520, -23.8375, 39.1563 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(239, 181, 146)` looks like.

```
.text, #text, p{  
    color:rgb(239, 181, 146)  
}
```

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(239, 181, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 181, 146) }
```

## Border

The CSS property to change the border of an element to YUV 194.3520, -23.8375, 39.1563 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(239, 181, 146) }
```



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

```
.border{ border-color:rgb(239, 181, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 181, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 181, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 181, 146);  
box-shadow:4px 4px 4px 4px rgb(239, 181,  
146) }
```

# Background

The CSS property to change the background color of an element to YUV 194.3520, -23.8375, 39.1563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 181, 146) }
```

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

```
.background{ background-color: rgb(239,  
181, 146) }
```

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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