

# Converting Colors

YUV(199.7580, -19.6007,  
33.5382)

Have a look what the booklet for  
YUV(199.7580, -19.6007, 33.5382)  
contains.

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# Color

**YUV(199.7580, -19.6007,  
33.5382)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEBCA0
RGB	238, 188, 160
RGB Percent	93%, 74%, 63%
CMY	0.0667, 0.2627, 0.3725
CMYK	0.00, 0.21, 0.33, 0.07
HSL	22°, 70%, 78%
HSV	22°, 33%, 93%
XYZ	59.5883, 56.6816, 41.0577
YIQ	199.7580, 38.7880, 1.8920

# Conversions

## Conversions Part 2

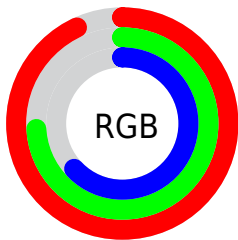
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 204, 160
Decimal	15645856
CIE Lab	80.00, 14.14, 21.03
CIE LCh	80, 25.339, 56.078
Yxy	56.6816, 0.3788, 0.3603
Android (android.graphics.Color)	4293835936 (0xFFEEBCA0)
YUV	199.7580, -19.6007, 33.5382
Hunter-Lab	75.2872, 9.5264, 20.3674

# Details

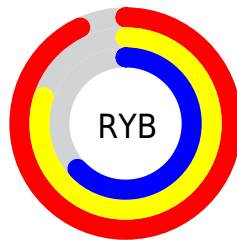
The YUV color  $199.7580, -19.6007, 33.5382$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $198.2420, 19.6007, -33.5382$ , and the grayscale version is  $200.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.9830, -14.2886, 9.6619$ , and  $145.6760, -18.5743, 30.9791$  is the 20% darker color. If you saturate the color by 10%, you get  $188.2170, -25.7430, 43.6597$ , and if you desaturate by 10%, it is  $211.2990, -13.4584, 23.4168$ .

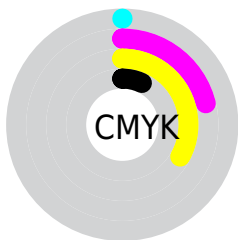
# Distribution



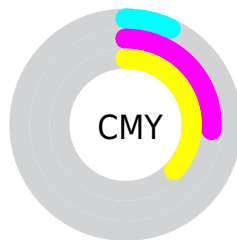
- Red (93%)
- Green (74%)
- Blue (63%)



- Red (93%)
- Yellow (80%)
- Blue (63%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (7%)



- Cyan (7%)
- Magenta (26%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 199.7580, -19.6007, 33.5382 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 199.7580, -19.6007, 33.5382 by changing the saturation by 10% instead.



199.7580,  
-19.6007, 33.5382

199.7580,  
-19.6007, 33.5382

255.0000, 0.0000,  
0.0000

172.2740,  
-18.8691, 32.2087

243.9830,  
-14.2886, 9.6619

145.6760,  
-18.5743, 30.9791

253.6320, -5.2416,  
1.1997

119.3060,  
-17.4059, 29.5496

94.5230, -16.5268,  
27.6053

70.6260, -16.0846,  
25.7610

47.0710, -14.3320,  
23.6167

26.1030, -12.8688,

20.9577

■ 8.1870, -3.5432,  
16.4990

■ 0.0000, 0.0000,  
0.0000

■ 199.7580,  
-19.6007, 33.5382

■ 199.7580,  
-19.6007, 33.5382

■ 188.2170,  
-25.7430, 43.6597

■ 211.2990,  
-13.4584, 23.4168

■ 176.0890,  
-31.5959, 54.2959

■ 223.4270, -7.6055,  
12.7805

■ 164.6620,  
-37.3014, 64.3174

■ 234.8540, -1.9000,  
2.7590

■ 153.1210,  
-43.4437, 74.4389

■ 246.3950, 4.2423,  
-7.3624

■ 141.5800,  
-49.5859, 84.5603

■ 249.9170, 2.5059,  
-10.4512

■ 129.4520,  
-55.4388, 95.1966

■ 121.0570,  
-59.6811, 102.5590

# Harmonies

## Analogous

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



201.6800, -11.1812, 39.7456



199.7580, -19.6007, 33.5382



197.7470, -23.0463, 18.6389

# Triad

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



199.7580, -19.6007, 33.5382



189.3170, 2.3087, -40.6200



199.9670, 20.2293, -1.7251

# Complementary

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



199.7580, -19.6007, 33.5382



198.2420, 19.6007, -33.5382

# 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.



195.5510, 24.3784, -25.9162



199.7580, -19.6007, 33.5382



187.8780, 14.8501, -49.8820

# Square

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



199.7580, -19.6007, 33.5382



192.1100, -10.4072, -22.0215



190.9740, 22.6908, -44.7042



202.4060, 11.1388, 20.6919



# Rectangle

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



199.7580, -19.6007, 33.5382



196.1260, -21.2611, 6.0285



190.9740, 22.6908, -44.7042



199.0800, 22.1456, -9.7172

# Sweetspot

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



199.7580, -19.6007, 33.5382



242.7580, -6.2897, 10.7362



189.1360, 10.7790, 42.8537



120.3060, -4.0949, 6.7476



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.



199.7580, -19.6007, 33.5382



206.1460, -24.7220, 42.8450



222.0640, -30.5976, 13.9759



113.9360, -2.9264, 5.3181



93.7580, -46.2227, 79.1422



28.4840, -14.0426, 24.1315

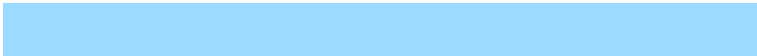


# Inverse Universe

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



198.2420, 19.6007, -33.5382



204.2670, 25.0114, -42.3302



175.9360, 30.5976, -13.9759



114.0640, 2.9264, -5.3181



90.2420, 46.2227, -79.1422



27.5160, 14.0426, -24.1315



# Previews

## White Background



This preview shows how the YUV color 199.7580, -19.6007, 33.5382 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 199.7580, -19.6007, 33.5382 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

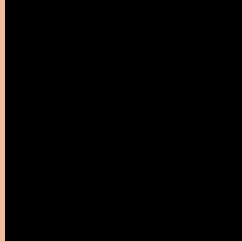
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 199.7580, -19.6007, 33.5382

## Background



This preview shows how black text looks on a background with the YUV color 199.7580, -19.6007, 33.5382.



This preview shows how white text looks on a background with the YUV color 199.7580, -19.6007, 33.5382.



# 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

199.7580, -19.6007, 33.5382

### Protanopia

197.8260, -16.1832, 10.6766

### Deuteranopia

199.3120, -19.8738, 27.7904



## Tritanopia

202.2370, -2.5818, 34.8722

# Trichromacy



## Original Color

199.7580, -19.6007, 33.5382

## Protanomaly

198.2400, -17.3733, 19.0835

## Deuteranomaly

199.6220, -20.0266, 30.1495

## Tritanomaly

201.6300, -8.6916, 34.5275

# Monochromacy



## Original Color

199.7580, -19.6007, 33.5382

## Achromatopsia

200.0000, 0.0000, 0.0000

## Achromatomaly

200.1280, -7.4581, 12.1657

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 199.7580, -19.6007, 33.5382 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(238, 188, 160)` looks like.

```
.text, #text, p{  
    color:rgb(238, 188, 160)  
}
```

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(238, 188, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 188, 160) }
```

## Border

The CSS property to change the border of an element to YUV 199.7580, -19.6007, 33.5382 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(238, 188, 160) }
```



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

```
.border{ border-color:rgb(238, 188, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 188, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 188, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 188, 160);  
box-shadow:4px 4px 4px 4px rgb(238, 188,  
160) }
```

# Background

The CSS property to change the background color of an element to YUV 199.7580, -19.6007, 33.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 188, 160) }
```

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

```
.background{ background-color: rgb(238,  
188, 160) }
```

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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