

# Converting Colors

YUV(173.5160, -22.4394,  
57.4295)

Have a look what the booklet for  
YUV(173.5160, -22.4394, 57.4295)  
contains.

<b>YUV(173.5160, -22.4394, 57.4295)</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(173.5160, -22.4394,  
57.4295)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF9580
RGB	239, 149, 128
RGB Percent	94%, 58%, 50%
CMY	0.0627, 0.4157, 0.4980
CMYK	0.00, 0.38, 0.46, 0.06
HSL	11°, 78%, 72%
HSV	11°, 46%, 94%
XYZ	50.2403, 41.4041, 25.7659
YIQ	173.5160, 60.3810, 12.5490

# Conversions

## Conversions Part 2

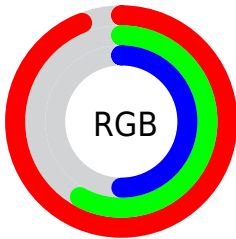
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 154, 128
Decimal	15701376
CIE <sub>Lab</sub>	70.46, 31.61, 25.36
CIE <sub>LCh</sub>	70, 40.524, 38.740
Yxy	41.4041, 0.4279, 0.3526
Android (android.graphics.Color)	4293891456 (0xFFEF9580)
YUV	173.5160, -22.4394, 57.4295
Hunter-Lab	64.3460, 26.7643, 21.3009

# Details

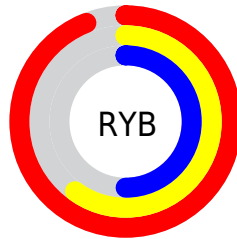
The YUV color **173.5160, -22.4394, 57.4295** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **193.4840, 22.4394, -57.4295**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.6270, -17.5641, 33.6531**, and **119.7650, -20.0971, 52.8261** is the 20% darker color. If you saturate the color by 10%, you get **159.6270, -27.4241, 69.6101**, and if you desaturate by 10%, it is **187.4050, -17.4547, 45.2488**.

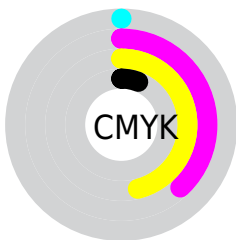
# Distribution



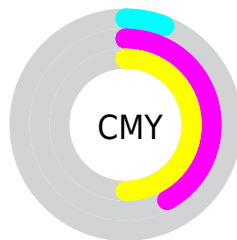
- Red (94%)
- Green (58%)
- Blue (50%)



- Red (94%)
- Yellow (60%)
- Blue (50%)



- Cyan (0%)
- Magenta (38%)
- Yellow (46%)
- Black (6%)



- Cyan (6%)
- Magenta (42%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.5160, -22.4394, 57.4295 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 173.5160, -22.4394, 57.4295 by changing the saturation by 10% instead.



173.5160,  
-22.4394, 57.4295

173.5160,  
-22.4394, 57.4295

255.0000, 0.0000,  
0.0000

146.4340,  
-21.4130, 54.8704

216.6270,  
-17.5641, 33.6531

119.7650,  
-20.0971, 52.8261

236.2550,  
-13.4367, 16.4394

93.7970, -18.6339,  
50.1670

252.9480, -7.8624,  
1.7996

68.8290, -17.1707,  
47.5080

43.8610, -15.7075,  
44.8489

20.3320, -10.0237,  
41.8048

13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,  
0.0000

■ 173.5160,  
-22.4394, 57.4295

■ 173.5160,  
-22.4394, 57.4295

■ 159.6270,  
-27.4241, 69.6101

■ 187.4050,  
-17.4547, 45.2488

■ 145.1510,  
-32.1194, 82.3056

■ 201.8810,  
-12.7593, 32.5534

■ 131.2620,  
-37.1042, 94.4862

■ 215.7700, -7.7746,  
20.3727

■ 116.7860,  
-41.7995, 107.1817

■ 230.2460, -3.0793,  
7.6773

■ 102.8970,  
-46.7842, 119.3623

■ 244.1350, 1.9054,  
-4.5034

■ 97.8760, -48.2529,  
123.7657

■ 250.2160, 2.3585,  
-9.8364

# Harmonies

## Analogous

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



175.1800, -6.0047, 59.4781



173.5160, -22.4394, 57.4295



171.5450, -33.2997, 40.7410

# Triad

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



173.5160, -22.4394, 57.4295



157.5470, -6.6787, -51.3457



169.2590, 37.3403, -30.0451

# Complementary

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



173.5160, -22.4394, 57.4295



193.4840, 22.4394, -57.4295

# 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.



153.9170, 42.4389, -78.8572



173.5160, -22.4394, 57.4295



143.9170, 18.7749, -95.5202

# Square

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



173.5160, -22.4394, 57.4295



164.5440, -25.4112, -16.2631



136.2680, 39.8009, -119.5070



176.3630, 26.4430, 11.9596



# Rectangle

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



173.5160, -22.4394, 57.4295



169.8650, -35.4294, 23.7974



136.2680, 39.8009, -119.5070



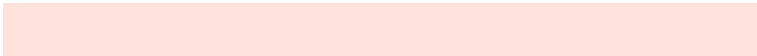
165.4420, 39.7151, -45.1146

# Sweetspot

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



173.5160, -22.4394, 57.4295



233.8730, -7.3324, 18.5284



171.5630, 23.3864, 59.1422



114.9260, -4.4005, 11.4659



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.



173.5160, -22.4394, 57.4295



170.6060, -28.8928, 74.0135



205.8010, -38.3559, 29.1155



112.7620, -2.3477, 6.3477



75.5610, -37.2516, 95.1010



23.2010, -11.4381, 28.7647



# Inverse Universe

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



193.4840, 22.4394, -57.4295



196.3940, 28.8928, -74.0135



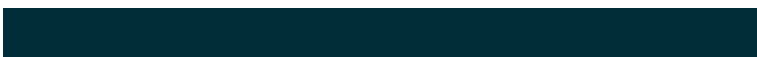
161.1990, 38.3559, -29.1155



115.2380, 2.3477, -6.3477



108.4390, 37.2516, -95.1010



32.7990, 11.4381, -28.7647



# Previews

## White Background



This preview shows how the YUV color 173.5160, -22.4394, 57.4295 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 173.5160, -22.4394, 57.4295 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 173.5160, -22.4394, 57.4295

## Background



This preview shows how black text looks on a background with the YUV color 173.5160, -22.4394, 57.4295.



This preview shows how white text looks on a background with the YUV color 173.5160, -22.4394, 57.4295.

57.4295.

# 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

173.5160, -22.4394, 57.4295

### Protanopia

171.5270, -16.0358, 10.0618

### Deuteranopia

172.4000, -23.3682, 28.5902



## Tritanopia

174.9580, -9.3463, 57.9188

# Trichromacy



## Original Color

173.5160, -22.4394, 57.4295

## Protanomaly

172.3550, -18.4160, 26.8757

## Deuteranomaly

172.5800, -22.9639, 38.9563

## Tritanomaly

174.1060, -13.8563, 57.7890

# Monochromacy



## Original Color

173.5160, -22.4394, 57.4295

## Achromatopsia

174.0000, 0.0000, 0.0000

## Achromatomaly

173.9550, -8.3588, 21.0875

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.5160, -22.4394, 57.4295 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, 149, 128)` looks like.

```
.text, #text, p{  
    color:rgb(239, 149, 128)  
}
```

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, 149, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 149, 128) }
```

## Border

The CSS property to change the border of an element to YUV 173.5160, -22.4394, 57.4295 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, 149, 128) }
```



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

```
.border{ border-color:rgb(239, 149, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 149, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 149, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 149, 128);  
box-shadow:4px 4px 4px 4px rgb(239, 149,  
128) }
```

# Background

The CSS property to change the background color of an element to YUV 173.5160, -22.4394, 57.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 149, 128) }
```

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

```
.background{ background-color: rgb(239,  
149, 128) }
```

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