

# Converting Colors

YUV(219.8290, -44.2857,  
17.6900)

Have a look what the booklet for  
YUV(219.8290, -44.2857, 17.6900)  
contains.

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# Color

**YUV(219.8290, -44.2857,  
17.6900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0E382
RGB	240, 227, 130
RGB Percent	94%, 89%, 51%
CMY	0.0588, 0.1098, 0.4902
CMYK	0.00, 0.05, 0.46, 0.06
HSL	53°, 79%, 73%
HSV	53°, 46%, 94%
XYZ	67.4335, 75.0751, 32.0559
YIQ	219.8290, 38.8850, -27.4110

# Conversions

## Conversions Part 2

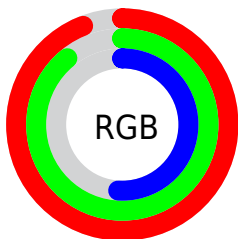
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 240, 130
Decimal	15786882
CIE <sub>Lab</sub>	89.43, -8.49, 48.72
CIE <sub>LCh</sub>	89, 49.457, 99.879
Yxy	75.0751, 0.3863, 0.4301
Android (android.graphics.Color)	4293976962 (0xFFFF0E382)
YUV	219.8290, -44.2857, 17.6900
Hunter-Lab	86.6459, -12.7099, 38.7169

# Details

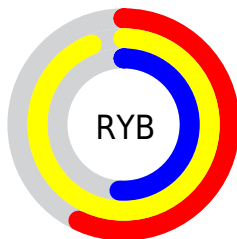
The YUV color  $219.8290, -44.2857, 17.6900$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $150.1710, 44.2857, -17.6900$ , and the grayscale version is  $220.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.0200, -30.5759, 6.9985$ , and  $164.2740, -42.5331, 15.5457$  is the 20% darker color. If you saturate the color by 10%, you get  $215.3320, -53.9007, 21.6338$ , and if you desaturate by 10%, it is  $224.3260, -34.6707, 13.7461$ .

# Distribution



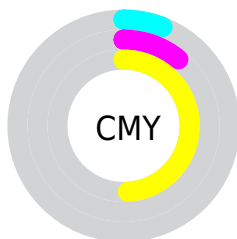
- Red (94%)
- Green (89%)
- Blue (51%)



- Red (57%)
- Yellow (94%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (46%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.8290, -44.2857, 17.6900 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 219.8290, -44.2857, 17.6900 by changing the saturation by 10% instead.



■ 219.8290,  
-44.2857, 17.6900

■ 219.8290,  
-44.2857, 17.6900

■ 255.0000, 0.0000,  
0.0000

■ 191.7580,  
-43.2647, 16.8752

■ 247.0200,  
-30.5759, 6.9985

■ 164.2740,  
-42.5331, 15.5457

■ 250.2120,  
-18.3455, 4.1991

■ 137.0890,  
-41.9489, 14.8309

■ 253.5180, -5.6784,  
1.2997

■ 111.2630,  
-42.5277, 13.8013

■ 85.6650, -42.2328,  
12.5718

■ 64.3900, -31.7443,  
8.4280

■ 43.7020, -21.5451,

3.7693

■ 24.1990, -11.9301,  
-0.1745

■ 0.0000, 0.0000,  
0.0000

■ 219.8290,  
-44.2857, 17.6900

■ 219.8290,  
-44.2857, 17.6900

■ 215.3320,  
-53.9007, 21.6338

■ 224.3260,  
-34.6707, 13.7461

■ 210.8350,  
-63.5157, 25.5777

■ 228.8230,  
-25.0557, 9.8022

■ 206.3380,  
-73.1306, 29.5216

■ 233.3200,  
-15.4408, 5.8584

■ 202.4280,  
-83.0350, 32.9506

■ 237.2300, -5.5364,  
2.4293

■ 197.9310,  
-92.6500, 36.8945

■ 241.7270, 4.0786,  
-1.5146

■ 196.2040,  
-96.7286, 38.4091

■ 244.0580, 5.3944,  
-3.5589

■ 245.8190, 4.5262,  
-5.1033

■ 247.5800, 3.6581,  
-6.6477

■ 249.3410, 2.7899,  
-8.1921

# Harmonies

## Analogous

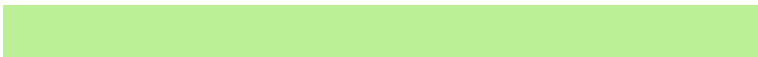
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.6060, -39.2458, 34.5485



219.8290, -44.2857, 17.6900



214.1920, -31.6467, -22.9704

# Triad

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



219.8290, -44.2857, 17.6900



174.0590, 39.9039, -152.6497



218.0190, 18.2316, 32.4323

# Complementary

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



219.8290, -44.2857, 17.6900



150.1710, 44.2857, -17.6900

# 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.



225.3290, 14.6278, 21.6365



219.8290, -44.2857, 17.6900



195.6860, 29.2418, -92.6866

# Square

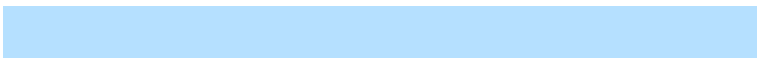
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.8290, -44.2857, 17.6900



186.8530, 25.7085, -126.1591



214.6770, 19.8792, -29.5347



210.0680, 0.4595, 39.4054



# Rectangle

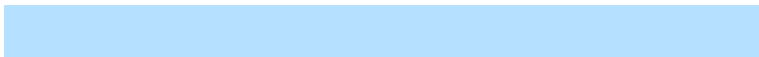
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.8290, -44.2857, 17.6900



208.4300, -15.9880, -52.1201



214.6770, 19.8792, -29.5347



220.3670, 17.0741, 30.3731

# Sweetspot

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



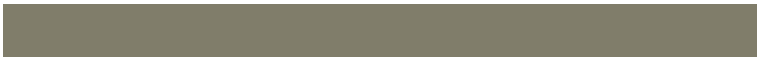
219.8290, -44.2857, 17.6900



248.5480, -14.5672, 5.6584



164.6000, -9.6628, 66.1258



123.7310, -8.7414, 3.7439



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.



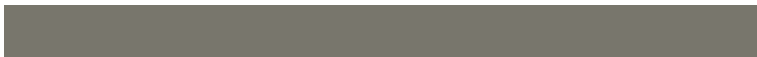
219.8290, -44.2857, 17.6900



229.0610, -56.2321, 22.7485



215.5000, -42.1515, -13.5935



117.4580, -4.6628, 2.2293



150.1100, -74.0042, 29.7215



45.5070, -22.4350, 9.2024



# Inverse Universe

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



150.1710, 44.2857, -17.6900



140.3520, 56.5215, -22.2337



154.5000, 42.1515, 13.5935



109.9550, 4.9522, -1.7145



33.8900, 74.0042, -29.7215

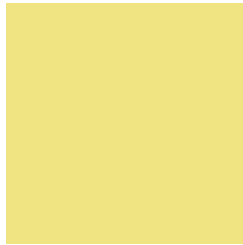


10.4930, 22.4350, -9.2024



# Previews

## White Background



This preview shows how the YUV color 219.8290, -44.2857, 17.6900 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

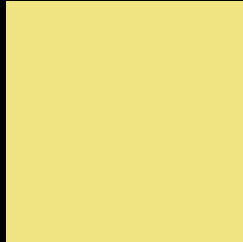
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.8290, -44.2857, 17.6900 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 219.8290, -44.2857, 17.6900

## Background



This preview shows how black text looks on a background with the YUV color 219.8290, -44.2857, 17.6900.



This preview shows how white text looks on a background with the YUV color 219.8290, -44.2857, 17.6900.



# 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

219.8290, -44.2857, 17.6900

### Protanopia

220.3350, -45.0282, 22.5082

### Deuteranopia

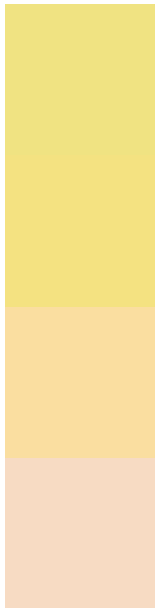
224.9760, -23.6522, 26.3310



## Tritanopia

227.7020, 2.1189, 20.4323

# Trichromacy



## Original Color

219.8290, -44.2857, 17.6900

## Protanomaly

220.3240, -45.0227, 20.7639

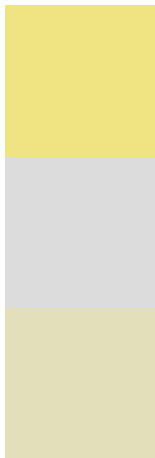
## Deuteranomaly

223.3040, -31.2089, 23.4124

## Tritanomaly

224.6360, -14.6105, 19.6132

# Monochromacy



## Original Color

219.8290, -44.2857, 17.6900

## Achromatopsia

220.0000, 0.0000, 0.0000

## Achromatomaly

220.0920, -16.3144, 6.0583

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.8290, -44.2857, 17.6900 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(240, 227, 130)` looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 130)  
}
```

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(240, 227, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 130) }
```

## Border

The CSS property to change the border of an element to YUV 219.8290, -44.2857, 17.6900 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(240, 227, 130) }
```



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

```
.border{ border-color:rgb(240, 227, 130) }
```

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

Here you see how a box with a 4 pixel rgb(240, 227, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 130);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
130) }
```

# Background

The CSS property to change the background color of an element to YUV 219.8290, -44.2857, 17.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 130) }
```

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

```
.background{ background-color: rgb(240,  
227, 130) }
```

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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