

# Converting Colors

YUV(219.2490, 5.7932, 8.5516)

Have a look what the booklet for  
YUV(219.2490, 5.7932, 8.5516)  
contains.

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# Color

**YUV(219.2490, 5.7932,  
8.5516)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5D4E7
RGB	229, 212, 231
RGB Percent	90%, 83%, 91%
CMY	0.1020, 0.1686, 0.0941
CMYK	0.01, 0.08, 0.00, 0.09
HSL	294°, 28%, 87%
HSV	294°, 8%, 91%
XYZ	70.2804, 69.5145, 85.3148
YIQ	219.2490, 4.0330, 9.5130

# Conversions

## Conversions Part 2

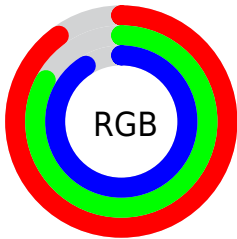
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 212, 231
Decimal	15062247
CIE <sub>Lab</sub>	86.76, 9.21, -7.21
CIE <sub>LCh</sub>	87, 11.700, 321.942
Yxy	69.5145, 0.3122, 0.3088
Android (android.graphics.Color)	4293252327 (0xFFE5D4E7)
YUV	219.2490, 5.7932, 8.5516
Hunter-Lab	83.3754, 4.5578, -2.3064

# Details

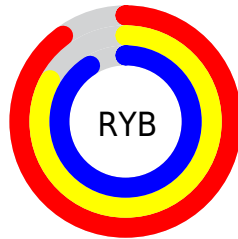
The YUV color `219.2490, 5.7932, 8.5516` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `223.7510, -5.7932, -8.5516`, and the grayscale version is `219.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `164.1350, 5.3564, 8.6516` is the 20% darker color. If you saturate the color by 10%, you get `205.1500, 12.7441, 19.1625`, and if you desaturate by 10%, it is `233.3480, -1.1576, -2.0592`.

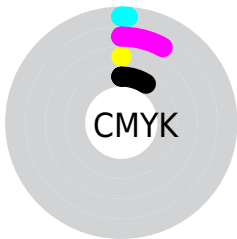
# Distribution



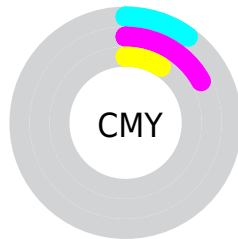
- Red (90%)
- Green (83%)
- Blue (91%)



- Red (90%)
- Yellow (83%)
- Blue (91%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (17%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.2490, 5.7932, 8.5516 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 219.2490, 5.7932, 8.5516 by changing the saturation by 10% instead.



219.2490, 5.7932,  
8.5516

219.2490, 5.7932,  
8.5516

255.0000, 0.0000,  
0.0000

191.2490, 5.7932,  
8.5516

164.1350, 5.3564,  
8.6516

137.8360, 5.5039,  
8.0368

112.4230, 5.2145,  
7.5220

88.0100, 4.9251,  
7.0072

64.5970, 4.6357,  
6.4924

42.5970, 4.6357,

6.4924

■ 22.1840, 4.3463,  
5.9776

■ 0.4560, 1.7472,  
-0.3999

■ 219.2490, 5.7932,  
8.5516

■ 219.2490, 5.7932,  
8.5516

■ 205.1500, 12.7441,  
19.1625

■ 233.3480, -1.1576,  
-2.0592

■ 190.7520, 19.8423,  
29.1585

■ 245.9850, -7.3876,  
-10.5108

■ 176.6530, 26.7931,  
39.7693

■ 246.5830, -7.6824,  
-9.2813

■ 162.2550, 33.8913,  
49.7654

■ 247.4800, -8.1246,  
-7.4370

148.1560, 40.8421,  
60.3762

248.0780, -8.4195,  
-6.2074

133.1710, 48.2297,  
70.8870

248.9750, -8.8617,  
-4.3631

119.0720, 55.1805,  
81.4979

249.5730, -9.1565,  
-3.1335

104.9730, 62.1313,  
92.1087

250.1710, -9.4513,  
-1.9040

90.5750, 69.2295,  
102.1047

251.0680, -9.8935,  
-0.0596

# Harmonies

## Analogous

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



217.9210, 9.8989, -1.6847



219.2490, 5.7932, 8.5516



219.6260, 0.6774, 16.1140

# Triad

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



219.2490, 5.7932, 8.5516



217.2050, -10.9471, 11.2212



213.9480, 5.4486, -21.0024

# Complementary

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



219.2490, 5.7932, 8.5516



223.7510, -5.7932, -8.5516

# 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.



213.8900, 0.0542, -17.4435



219.2490, 5.7932, 8.5516



216.1930, -9.4621, 1.5847

# Square

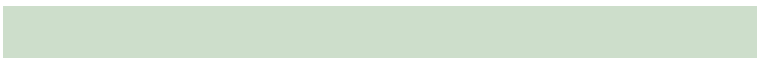
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.2490, 5.7932, 8.5516



218.4060, -9.0742, 17.1839



214.7510, -5.7932, -8.5516



214.6970, 9.5164, -19.0283



# Rectangle

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



219.2490, 5.7932, 8.5516



219.6110, -3.2592, 18.7582



214.7510, -5.7932, -8.5516



213.4920, 3.7014, -20.6025

# Sweetspot

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



219.2490, 5.7932, 8.5516



251.7660, 1.5944, 1.9592



215.3400, 7.7204, -2.9292



125.9400, 1.0156, 0.9296



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.



219.2490, 5.7932, 8.5516



239.4280, 7.6770, 11.0256



219.0490, 2.4408, 10.4810



107.6570, 3.6201, 5.5628



68.2460, 54.6017, 80.4683



19.5680, 15.4960, 23.1809



# Inverse Universe

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



217.9090, -1.9271, 11.4808



237.7030, -2.8116, 15.1695



223.9510, -2.4408, -10.4810



106.7020, -1.3321, 7.2773



55.6870, -18.0867, 108.1455

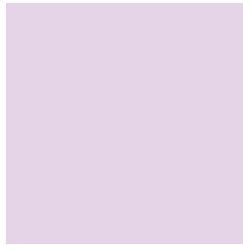


15.8190, -5.3338, 30.8537



# Previews

## White Background



This preview shows how the YUV color 219.2490, 5.7932, 8.5516 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

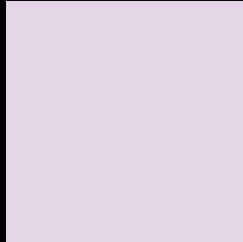
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.2490, 5.7932, 8.5516 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

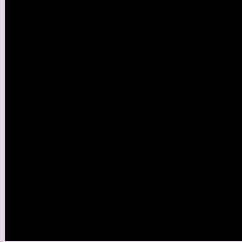
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

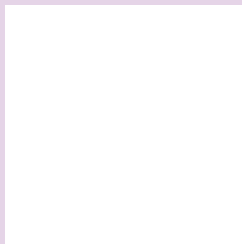
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 219.2490, 5.7932, 8.5516

## Background



This preview shows how black text looks on a background with the YUV color 219.2490, 5.7932, 8.5516.



This preview shows how white text looks on a background with the YUV color 219.2490, 5.7932,

8.5516.

# 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

219.2490, 5.7932, 8.5516

### Protanopia

217.9380, 7.4256, -1.6996

### Deuteranopia

219.5590, 5.6404, 10.9108



## Tritanopia

219.0210, 4.9196, 8.7516

# Trichromacy



## Original Color

219.2490, 5.7932, 8.5516

## Protanomaly

218.7320, 6.5411, 1.9890

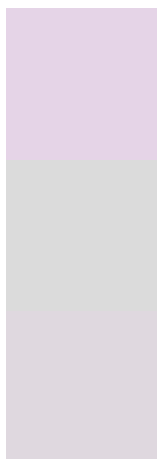
## Deuteranomaly

219.2600, 5.7878, 10.2960

## Tritanomaly

219.1350, 5.3564, 8.6516

# Monochromacy



## Original Color

219.2490, 5.7932, 8.5516

## Achromatopsia

219.0000, 0.0000, 0.0000

## Achromatomaly

218.8910, 2.0257, 3.6036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.2490, 5.7932, 8.5516 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(229, 212, 231)` looks like.

```
.text, #text, p{  
    color:rgb(229, 212, 231)  
}
```

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(229, 212, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 212, 231) }
```

## Border

The CSS property to change the border of an element to YUV 219.2490, 5.7932, 8.5516 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(229, 212, 231) }
```



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

```
.border{ border-color:rgb(229, 212, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 212, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 212, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 212, 231);  
box-shadow:4px 4px 4px 4px rgb(229, 212,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 219.2490, 5.7932, 8.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 212, 231) }
```

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

```
.background{ background-color: rgb(229,  
212, 231) }
```

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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