

# Converting Colors

YUV(225.6410, -15.5990,  
9.9618)

Have a look what the booklet for  
YUV(225.6410, -15.5990, 9.9618)  
contains.

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# Color

**YUV(225.6410, -15.5990,  
9.9618)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDE2C2
RGB	237, 226, 194
RGB Percent	93%, 89%, 76%
CMY	0.0706, 0.1137, 0.2392
CMYK	0.00, 0.05, 0.18, 0.07
HSL	45°, 54%, 85%
HSV	45°, 18%, 93%
XYZ	71.8590, 76.2923, 61.9774
YIQ	225.6410, 16.8280, -7.6200

# Conversions

## Conversions Part 2

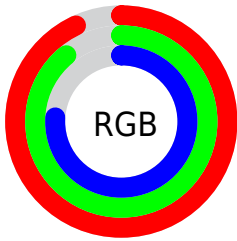
Format	Color
R <sub>Y</sub> B	209, 237, 194
Decimal	15590082
CIE Lab	89.99, -1.38, 17.00
CIE LCh	90, 17.055, 94.637
Yxy	76.2923, 0.3420, 0.3631
Android (android.graphics.Color)	4293780162 (0xFFEDEC2C)
YUV	225.6410, -15.5990, 9.9618
Hunter-Lab	87.3455, -6.0028, 19.0716

# Details

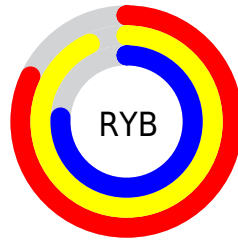
The YUV color  $225.6410, -15.5990, 9.9618$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $205.3590, 15.5990, -9.9618$ , and the grayscale version is  $226.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.5440, -1.7472, 0.3999$ , and  $170.4560, -15.0148, 9.2471$  is the 20% darker color. If you saturate the color by 10%, you get  $219.3830, -24.3458, 15.4501$ , and if you desaturate by 10%, it is  $231.8990, -6.8522, 4.4736$ .

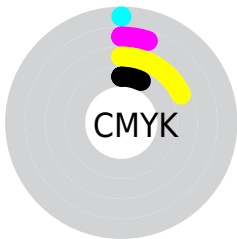
# Distribution



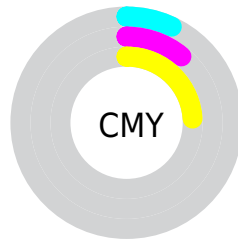
- Red (93%)
- Green (89%)
- Blue (76%)



- Red (82%)
- Yellow (93%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 225.6410, -15.5990, 9.9618 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 225.6410, -15.5990, 9.9618 by changing the saturation by 10% instead.



■ 225.6410,  
-15.5990, 9.9618

■ 225.6410,  
-15.5990, 9.9618

255.0000, 0.0000,  
0.0000

■ 197.7550,  
-15.1622, 9.8619

■ 254.5440, -1.7472,  
0.3999

■ 170.4560,  
-15.0148, 9.2471

■ 143.6840,  
-14.1412, 9.0471

■ 118.3850,  
-13.9938, 8.4324

■ 93.3140, -12.9728,  
7.6176

■ 69.4280, -12.5360,  
7.5176

■ 46.9440, -11.8044,

6.1881

■ 26.0150, -12.8254,  
7.0028

■ 0.0000, 0.0000,  
0.0000

■ 225.6410,  
-15.5990, 9.9618

■ 225.6410,  
-15.5990, 9.9618

■ 219.3830,  
-24.3458, 15.4501

■ 231.8990, -6.8522,  
4.4736

■ 213.2390,  
-32.6558, 20.8384

■ 238.0430, 1.4578,  
-0.9147

■ 206.9810,  
-41.4026, 26.3267

■ 243.1610, 5.8366,  
-5.4032

■ 200.7230,  
-50.1494, 31.8149

■ 246.6830, 4.1003,  
-8.4920

■ 194.4650,  
-58.8962, 37.3032

■ 249.6180, 2.6533,  
-11.0660

■ 188.3210,  
-67.2063, 42.6915

■ 182.0630,  
-75.9531, 48.1797

■ 175.2180,  
-84.4105, 54.1828

■ 174.1750,  
-85.8683, 55.0975

# Harmonies

## Analogous

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



227.5330, -15.0528, 21.4576



225.6410, -15.5990, 9.9618



223.7640, -12.2087, -4.1780

# Triad

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



225.6410, -15.5990, 9.9618



221.0760, 11.3015, -31.6387



229.6030, 5.6187, 17.8882

# Complementary

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



225.6410, -15.5990, 9.9618



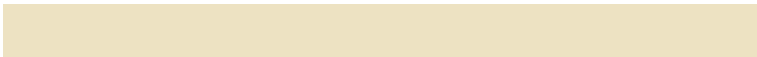
205.3590, 15.5990, -9.9618

# Split Complementary

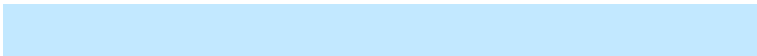
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.2360, 12.2087, 4.1780



225.6410, -15.5990, 9.9618



223.2600, 15.6478, -25.6610

# Square

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



225.6410, -15.5990, 9.9618



220.7360, 3.5812, -28.7095



225.7070, 14.4414, -12.0210

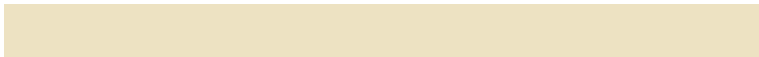


227.9860, -1.9651, 23.6913



# Rectangle

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



225.6410, -15.5990, 9.9618



222.5500, -7.6662, -14.5144



225.7070, 14.4414, -12.0210



229.1510, 7.8136, 13.8996

# Sweetspot

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



225.6410, -15.5990, 9.9618



251.7570, -4.8102, 2.8441



208.1110, -1.5337, 25.3357



125.9140, -2.9156, 1.8294



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.



225.6410, -15.5990, 9.9618



240.3980, -20.4092, 12.8060



229.1080, -17.3082, -1.8487



113.9850, -3.9366, 2.6442



133.3640, -65.7485, 41.7768



39.6260, -19.5356, 12.6060



# Inverse Universe

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



205.3590, 15.5990, -9.9618



213.6020, 20.4092, -12.8060



201.8920, 17.3082, 1.8487



109.0150, 3.9366, -2.6442



47.6360, 65.7485, -41.7768

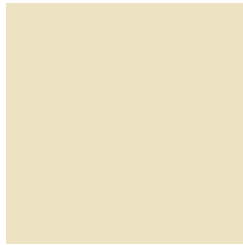


14.3740, 19.5356, -12.6060



# Previews

## White Background



This preview shows how the YUV color 225.6410, -15.5990, 9.9618 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 225.6410, -15.5990, 9.9618 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

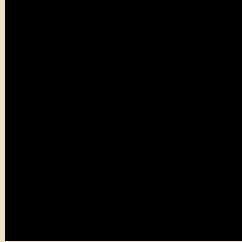
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 225.6410, -15.5990, 9.9618

## Background



This preview shows how black text looks on a background with the YUV color 225.6410, -15.5990, 9.9618.



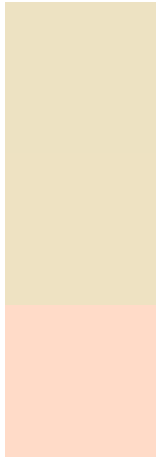
This preview shows how white text looks on a background with the YUV color 225.6410, -15.5990, 9.9618.

9.9618.

# 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

225.6410, -15.5990, 9.9618

### Protanopia

225.9400, -15.7464, 10.5766

### Deuteranopia

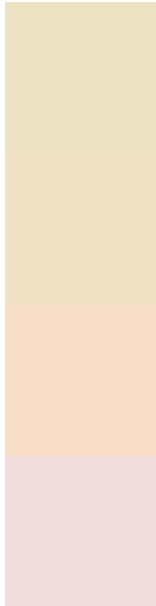
227.5980, -13.6058, 24.0316



## Tritanopia

228.8150, 4.0352, 12.4402

# Trichromacy



## Original Color

225.6410, -15.5990, 9.9618

## Protanomaly

225.9400, -15.7464, 10.5766

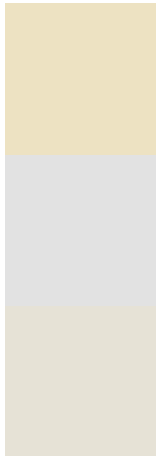
## Deuteranomaly

227.0380, -14.3157, 18.3837

## Tritanomaly

227.5670, -3.2375, 11.7807

# Monochromacy



## Original Color

225.6410, -15.5990, 9.9618

## Achromatopsia

226.0000, 0.0000, 0.0000

## Achromatomaly

225.8280, -5.8312, 3.6588

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.6410, -15.5990, 9.9618 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(237, 226, 194)` looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 194)  
}
```

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(237, 226, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 194) }
```

## Border

The CSS property to change the border of an element to YUV 225.6410, -15.5990, 9.9618 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(237, 226, 194) }
```



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

```
.border{ border-color:rgb(237, 226, 194) }
```

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

Here you see how a box with a 4 pixel rgb(237, 226, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 194);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
194) }
```

# Background

The CSS property to change the background color of an element to YUV 225.6410, -15.5990, 9.9618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 226, 194) }
```

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

```
.background{ background-color: rgb(237,  
226, 194) }
```

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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