

# Converting Colors

YUV(196.0320, -28.6098,  
29.7899)

Have a look what the booklet for  
YUV(196.0320, -28.6098, 29.7899)  
contains.

<b>YUV(196.0320, -28.6098, 29.7899)</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(196.0320, -28.6098,  
29.7899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6BE8A
RGB	230, 190, 138
RGB Percent	90%, 75%, 54%
CMY	0.0980, 0.2549, 0.4588
CMYK	0.00, 0.17, 0.40, 0.10
HSL	34°, 65%, 72%
HSV	34°, 40%, 90%
XYZ	55.6340, 55.4849, 31.8222
YIQ	196.0320, 40.5320, -7.6920

# Conversions

## Conversions Part 2

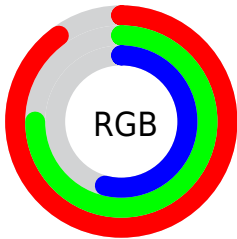
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 230, 138
Decimal	15122058
CIE <sub>Lab</sub>	79.32, 7.39, 31.62
CIE <sub>LCh</sub>	79, 32.471, 76.844
Yxy	55.4849, 0.3892, 0.3882
Android (android.graphics.Color)	4293312138 (0xFFE6BE8A)
YUV	196.0320, -28.6098, 29.7899
Hunter-Lab	74.4882, 2.9645, 26.8124

# Details

The YUV color **196.0320, -28.6098, 29.7899** is a light color, and the websafe version is hex **FFCC99**, and the color name is **gold (crayola)**. A complement of this color would be **171.9680, 28.6098, -29.7899**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.5350, -24.9138, 10.9318**, and **142.0640, -27.1466, 27.1309** is the 20% darker color. If you saturate the color by 10%, you get **187.5400, -35.7622, 37.2374**, and if you desaturate by 10%, it is **204.5240, -21.4573, 22.3425**.

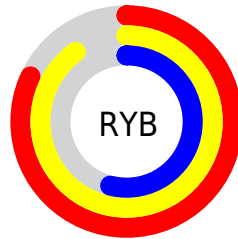
# Distribution



Red (90%)

Green (75%)

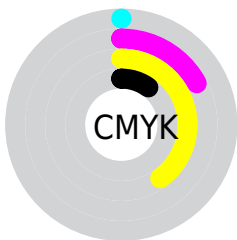
Blue (54%)



Red (82%)

Yellow (90%)

Blue (54%)

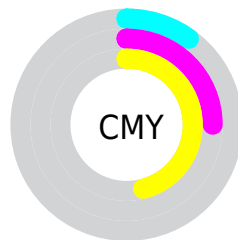


Cyan (0%)

Magenta (17%)

Yellow (40%)

Black (10%)



Cyan (10%)

Magenta (25%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 196.0320, -28.6098, 29.7899 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 196.0320, -28.6098, 29.7899 by changing the saturation by 10% instead.



196.0320,  
-28.6098, 29.7899

196.0320,  
-28.6098, 29.7899

255.0000, 0.0000,  
0.0000

168.5480,  
-27.8782, 28.4604

242.5350,  
-24.9138, 10.9318

142.0640,  
-27.1466, 27.1309

251.0100,  
-15.2879, 3.4992

115.6940,  
-25.9781, 25.7014

254.3160, -2.6208,  
0.5999

90.9110, -25.0991,  
23.7571

67.1280, -24.2201,  
21.8127

44.6870, -22.0307,  
19.5685

25.4720, -12.5577,

14.4951

■ 3.5880, -1.7689,  
7.3773

■ 0.0000, 0.0000,  
0.0000

■ 196.0320,  
-28.6098, 29.7899

■ 196.0320,  
-28.6098, 29.7899

■ 187.5400,  
-35.7622, 37.2374

■ 204.5240,  
-21.4573, 22.3425

■ 179.0480,  
-42.9147, 44.6849

■ 213.0160,  
-14.3049, 14.8950

■ 170.5560,  
-50.0671, 52.1324

■ 221.5080, -7.1524,  
7.4475

■ 162.0640,  
-57.2196, 59.5799

■ 230.0000, 0.0000,  
0.0000

■ 153.5720,  
-64.3720, 67.0274

■ 238.4920, 7.1524,  
-7.4475

■ 145.0800,  
-71.5244, 74.4748

■ 244.5900, 5.1321,  
-12.7954

■ 247.5250, 3.6852,  
-15.3694

# Harmonies

## Analogous

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



197.9660, -21.6752, 45.6338



196.0320, -28.6098, 29.7899



192.9320, -27.0815, 6.1986

# Triad

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



196.0320, -28.6098, 29.7899



180.7080, 15.9200, -66.3959



200.9310, 18.2750, 18.4775

# Complementary

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



196.0320, -28.6098, 29.7899



171.9680, 28.6098, -29.7899

# 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.



196.6650, 28.2662, -12.8612



196.0320, -28.6098, 29.7899



182.0250, 28.5817, -67.5509

# Square

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



196.0320, -28.6098, 29.7899



184.3610, -1.1640, -46.7976



189.4930, 32.2950, -45.1594



200.9310, 4.9640, 41.2795



# Rectangle

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



196.0320, -28.6098, 29.7899



190.9020, -21.6437, -11.3151



189.4930, 32.2950, -45.1594



199.9020, 22.2333, 8.8559

# Sweetspot

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



196.0320, -28.6098, 29.7899



243.8350, -9.7787, 9.7917



170.1820, 4.3473, 52.4604



121.2520, -5.5472, 5.9180



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.



196.0320, -28.6098, 29.7899



209.9810, -37.9516, 39.4817



218.0170, -39.4484, 6.1241



110.6970, -3.7946, 3.7737



112.8080, -55.6143, 58.0504



32.2720, -15.9101, 16.4245



# Inverse Universe

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



171.9680, 28.6098, -29.7899



178.0190, 37.9516, -39.4817



149.9830, 39.4484, -6.1241



107.3030, 3.7946, -3.7737



66.1920, 55.6143, -58.0504

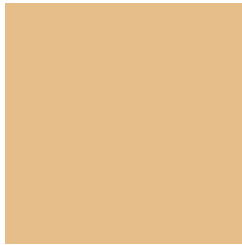


18.7280, 15.9101, -16.4245



# Previews

## White Background



This preview shows how the YUV color 196.0320, -28.6098, 29.7899 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

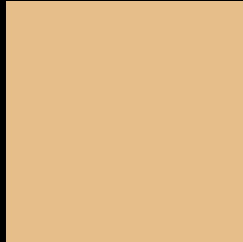
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 196.0320, -28.6098, 29.7899 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

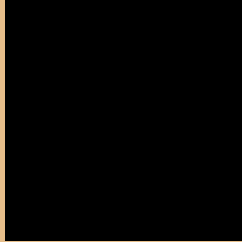
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 196.0320, -28.6098, 29.7899

## Background



This preview shows how black text looks on a background with the YUV color 196.0320, -28.6098, 29.7899.



This preview shows how white text looks on a background with the YUV color 196.0320, -28.6098, 29.7899.

29.7899.

# 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

196.0320, -28.6098, 29.7899

### Protanopia

195.1010, -26.6718, 14.8204

### Deuteranopia

196.0540, -28.6206, 33.2786



## Tritanopia

199.7420, -1.8448, 31.7983

# Trichromacy



## Original Color

196.0320, -28.6098, 29.7899

## Protanomaly

195.3190, -27.2723, 20.7682

## Deuteranomaly

196.3420, -28.7626, 32.1491

## Tritanomaly

198.5110, -11.5909, 31.1239

# Monochromacy



## Original Color

196.0320, -28.6098, 29.7899

## Achromatopsia

196.0000, 0.0000, 0.0000

## Achromatomaly

196.0200, -10.3629, 10.5065

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 196.0320, -28.6098, 29.7899 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(230, 190, 138)` looks like.

```
.text, #text, p{  
    color:rgb(230, 190, 138)  
}
```

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(230, 190, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 138) }
```

## Border

The CSS property to change the border of an element to YUV 196.0320, -28.6098, 29.7899 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(230, 190, 138) }
```



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

```
.border{ border-color:rgb(230, 190, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 190, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 190, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 190, 138); box-shadow:4px 4px 4px 4px rgb(230, 190, 138) }
```

# Background

The CSS property to change the background color of an element to YUV 196.0320, -28.6098, 29.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 190, 138) }
```

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

```
.background{ background-color: rgb(230,  
190, 138) }
```

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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