

# Converting Colors

YUV(201.1660, -99.1748,  
29.6724)

Have a look what the booklet for  
YUV(201.1660, -99.1748, 29.6724)  
contains.

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# Color

**YUV(201.1660, -99.1748,  
29.6724)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBDF00
RGB	235, 223, 0
RGB Percent	92%, 87%, 0%
CMY	0.0784, 0.1255, 1.0000
CMYK	0.00, 0.05, 1.00, 0.08
HSL	57°, 100%, 46%
HSV	57°, 100%, 92%
XYZ	60.6486, 70.4375, 10.3993
YIQ	201.1660, 78.7350, -66.8090

# Conversions

## Conversions Part 2

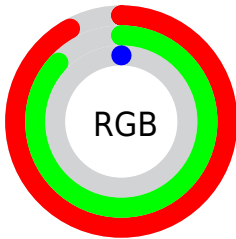
Format	Color
R <sub>Y</sub> B	13, 235, 0
Decimal	15458048
CIE Lab	87.21, -14.42, 86.53
CIE LCh	87, 87.722, 99.459
Yxy	70.4375, 0.4287, 0.4978
Android (android.graphics.Color)	4293648128 (0xFFEBDF00)
YUV	201.1660, -99.1748, 29.6724
Hunter-Lab	83.9271, -17.8820, 51.4024

# Details

The YUV color **201.1660, -99.1748, 29.6724** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **33.8340, 99.1748, -29.6724**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1900, -72.0717, 16.4964**, and **150.6420, -74.2665, 20.4850** is the 20% darker color. If you saturate the color by 10%, you get **201.1660, -99.1748, 29.6724**, and if you desaturate by 10%, it is **204.3750, -89.4179, 26.8581**.

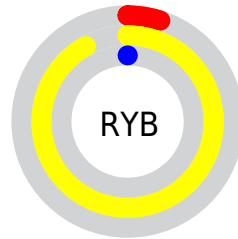
# Distribution



Red (92%)

Green (87%)

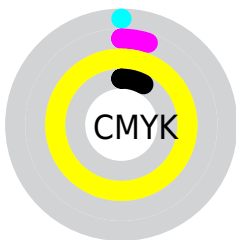
Blue (0%)



Red (5%)

Yellow (92%)

Blue (0%)

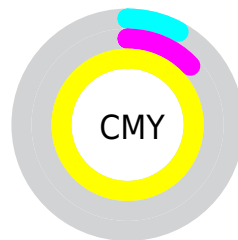


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 201.1660, -99.1748, 29.6724 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 201.1660, -99.1748, 29.6724 by changing the saturation by 10% instead.



201.1660,  
-99.1748, 29.6724

201.1660,  
-99.1748, 29.6724

255.0000, 0.0000,  
0.0000

175.4610,  
-86.5023, 25.0287

236.1900,  
-72.0717, 16.4964

150.6420,  
-74.2665, 20.4850

239.6100,  
-58.9677, 13.4970

126.7090,  
-62.4675, 16.0412

242.9160,  
-46.3006, 10.5977

103.3630,  
-50.9580, 11.0826

246.3360,  
-33.1966, 7.5983

80.0170, -39.4484,  
6.1241

249.7560,  
-20.0927, 4.5990

58.4430, -28.8124,  
1.3655

253.1760, -6.9888,

38.0540, -18.7606,

1.5996

-2.6784

■ 16.7460, -8.2558,  
-12.0552

■ 0.0000, 0.0000,  
0.0000

■ 201.1660,  
-99.1748, 29.6724

■ 204.3750,  
-89.4179, 26.8581

■ 207.6980,  
-79.2241, 23.9439

■ 211.6080,  
-69.3197, 20.5148

■ 214.8170,  
-59.5628, 17.7005

■ 218.1400,  
-49.3690, 14.7862

■ 221.3490,  
-39.6121, 11.9719

■ 224.5580,  
-29.8551, 9.1576

■ 228.4680,  
-19.9507, 5.7286

■ 231.6770,  
-10.1938, 2.9143

# Harmonies

## Analogous

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



194.8940, -72.9117, 52.7130



201.1660, -99.1748, 29.6724



194.4750, -57.9152, -44.2666

# Triad

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



201.1660, -99.1748, 29.6724



178.7550, 37.5888, -156.7681



192.1910, 30.9648, 55.0835

# Complementary

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



201.1660, -99.1748, 29.6724



33.8340, 99.1748, -29.6724

# 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.



213.3230, 20.5468, 36.5507



201.1660, -99.1748, 29.6724



171.7110, 41.0615, -150.5905

# Square

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



201.1660, -99.1748, 29.6724



177.3870, 32.3472, -155.5684



176.4600, 38.7202, -99.5044



177.8340, 8.9558, 67.6746



# Rectangle

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



201.1660, -99.1748, 29.6724



162.0430, -16.2902, -142.1117



176.4600, 38.7202, -99.5044



198.6480, 27.7815, 49.4207

# Sweetspot

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



201.1660, -99.1748, 29.6724



243.9880, -32.0391, 9.6575



72.0890, -27.6519, 142.8729



120.9950, -19.2245, 6.1434



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.



201.1660, -99.1748, 29.6724



218.2990, -107.6214, 32.1868



177.7120, -87.6120, -39.2124



115.7460, -4.8048, 1.0998



155.0830, -76.4559, 22.7292



46.0830, -22.7189, 6.9432



# Inverse Universe

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



33.8340, 99.1748, -29.6724



36.7010, 107.6214, -32.1868



57.2880, 87.6120, 39.2124



107.2540, 4.8048, -1.0998



25.9170, 76.4559, -22.7292

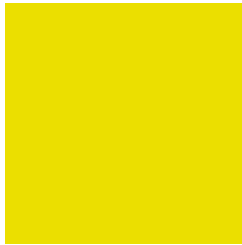


7.9170, 22.7189, -6.9432



# Previews

## White Background



This preview shows how the YUV color 201.1660, -99.1748, 29.6724 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

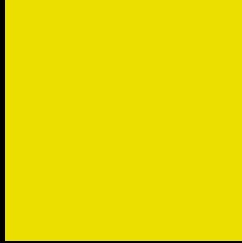
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 201.1660, -99.1748, 29.6724 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 201.1660, -99.1748, 29.6724

## Background



This preview shows how black text looks on a background with the YUV color 201.1660, -99.1748, 29.6724.



This preview shows how white text looks on a background with the YUV color 201.1660, -99.1748,



# 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

201.1660, -99.1748, 29.6724

### Protanopia

202.1070, -99.6388, 38.4942

### Deuteranopia

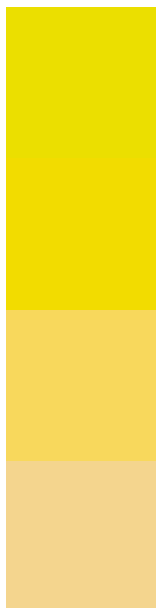
217.2190, -35.6040, 33.1339



## Tritanopia

221.3820, 0.7977, 24.2210

# Trichromacy



## Original Color

201.1660, -99.1748, 29.6724

## Protanomaly

201.4980, -99.3385, 35.5203

## Deuteranomaly

211.4320, -58.8800, 32.0701

## Tritanomaly

214.1750, -35.5823, 26.1565

# Monochromacy



## Original Color

201.1660, -99.1748, 29.6724

## Achromatopsia

201.0000, 0.0000, 0.0000

## Achromatomaly

200.9620, -35.9703, 10.5573

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 201.1660, -99.1748, 29.6724 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(235, 223, 0)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 0)  
}
```

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(235, 223, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 0) }
```

## Border

The CSS property to change the border of an element to YUV 201.1660, -99.1748, 29.6724 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(235, 223, 0) }
```



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

```
.border{ border-color:rgb(235, 223, 0) }
```

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

Here you see how a box with a 4 pixel rgb(235, 223, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 0);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
0) }
```

# Background

The CSS property to change the background color of an element to YUV 201.1660, -99.1748, 29.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 0) }
```

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

```
.background{ background-color: rgb(235,  
223, 0) }
```

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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