

# Converting Colors

YUV(200.3350, -98.7652,  
38.2942)

Have a look what the booklet for  
YUV(200.3350, -98.7652, 38.2942)  
contains.

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# Color

**YUV(200.3350, -98.7652,  
38.2942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D900
RGB	244, 217, 0
RGB Percent	96%, 85%, 0%
CMY	0.0431, 0.1490, 1.0000
CMYK	0.00, 0.11, 1.00, 0.04
HSL	53°, 100%, 48%
HSV	53°, 100%, 96%
XYZ	62.1211, 68.8588, 10.0169
YIQ	200.3350, 85.7490, -61.7630

# Conversions

## Conversions Part 2

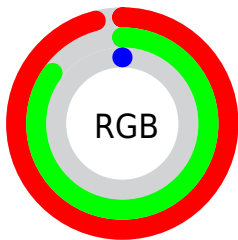
Format	Color
R <sub>Y</sub> B	30, 244, 0
Decimal	16046336
CIE Lab	86.43, -7.61, 86.32
CIE LCh	86, 86.659, 95.039
Yxy	68.8588, 0.4406, 0.4884
Android (android.graphics.Color)	4294236416 (0xFFFF4D900)
YUV	200.3350, -98.7652, 38.2942
Hunter-Lab	82.9812, -11.5891, 50.9297

# Details

The YUV color **200.3350, -98.7652, 38.2942** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **43.6650, 98.7652, -38.2942**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0760, -72.5085, 16.5963**, and **150.3980, -74.1462, 28.5920** is the 20% darker color. If you saturate the color by 10%, you get **200.3350, -98.7652, 38.2942**, and if you desaturate by 10%, it is **204.8320, -89.1502, 34.3503**.

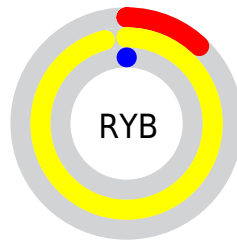
# Distribution



Red (96%)

Green (85%)

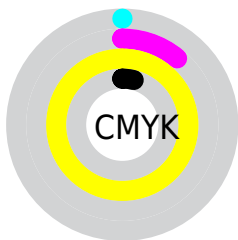
Blue (0%)



Red (12%)

Yellow (96%)

Blue (0%)

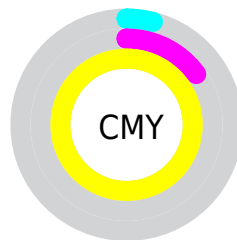


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (15%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 200.3350, -98.7652, 38.2942 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 200.3350, -98.7652, 38.2942 by changing the saturation by 10% instead.



200.3350,  
-98.7652, 38.2942

200.3350,  
-98.7652, 38.2942

255.0000, 0.0000,  
0.0000

174.6300,  
-86.0926, 33.6505

236.0760,  
-72.5085, 16.5963

150.3980,  
-74.1462, 28.5920

239.4960,  
-59.4045, 13.5970

126.1660,  
-62.1998, 23.5334

242.8020,  
-46.7374, 10.6976

102.8200,  
-50.6903, 18.5749

246.2220,  
-33.6334, 7.6983

80.0610, -39.4701,  
13.1015

249.5280,  
-20.9663, 4.7989

58.4870, -28.8341,  
8.3429

252.9480, -7.8624,

37.7990, -18.6349,

1.7996

3.6843

■ 17.9860, -8.8671,  
-2.6187

■ 0.0000, 0.0000,  
0.0000

■ 200.3350,  
-98.7652, 38.2942

■ 204.8320,  
-89.1502, 34.3503

■ 208.8560,  
-78.8090, 30.8213

■ 213.3530,  
-69.1940, 26.8774

■ 217.9640,  
-59.1423, 22.8336

■ 222.4610,  
-49.5273, 18.8897

■ 226.3710,  
-39.6229, 15.4606

■ 230.9820,  
-29.5711, 11.4168

■ 235.4790,  
-19.9561, 7.4729

■ 239.5030, -9.6150,  
3.9439

# Harmonies

## Analogous

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



191.9250, -66.5180, 55.3168



200.3350, -98.7652, 38.2942



194.4720, -63.3367, -31.9859

# Triad

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



200.3350, -98.7652, 38.2942



177.5810, 38.1676, -155.7385



193.9520, 30.0967, 53.5391

# Complementary

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



200.3350, -98.7652, 38.2942



43.6650, 98.7652, -38.2942

# 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.



209.6910, 22.3373, 22.1960



200.3350, -98.7652, 38.2942



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.



200.3350, -98.7652, 38.2942



175.6770, 25.7952, -154.0687



159.3840, 47.1387, -139.7798



177.8000, 13.9026, 67.7044



# Rectangle

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



200.3350, -98.7652, 38.2942



178.2460, -30.6873, -97.5627



159.3840, 47.1387, -139.7798



200.9960, 26.6240, 47.3615

# Sweetspot

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



200.3350, -98.7652, 38.2942



241.6400, -30.8815, 11.7167



76.1480, -23.7370, 147.2062



119.2340, -18.3564, 7.6878



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.



200.3350, -98.7652, 38.2942



209.4940, -103.2805, 39.9088



188.0780, -92.7225, -33.3944



120.0450, -4.9522, 1.7145



153.0560, -75.4566, 28.8919



48.1650, -23.7453, 9.5023



# Inverse Universe

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



43.6650, 98.7652, -38.2942



45.5060, 103.2805, -39.9088



55.9220, 92.7225, 33.3944



112.5420, 4.6628, -2.2293



33.5310, 75.1672, -29.4067



10.2480, 24.0347, -8.9875



# Previews

## White Background



This preview shows how the YUV color 200.3350, -98.7652, 38.2942 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

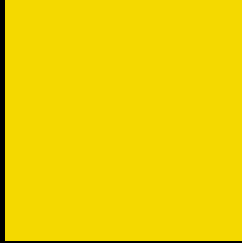
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 200.3350, -98.7652, 38.2942 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 200.3350, -98.7652, 38.2942

## Background



This preview shows how black text looks on a background with the YUV color 200.3350, -98.7652, 38.2942.



This preview shows how white text looks on a background with the YUV color 200.3350, -98.7652, 38.2942.



# 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



### Protanopia

200.3350, -98.7652, 38.2942

### Deuteranopia

214.4320, -38.6670, 35.5781

### Tritanopia

219.5570, -1.2606, 31.0835

# Trichromacy



## Protanomaly

200.3350, -98.7652, 38.2942



## Deuteranomaly

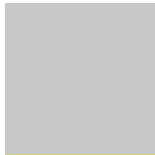
209.4110, -60.3486, 36.4736



## Tritanomaly

212.2900, -36.6250, 33.9487

# Monochromacy



## Achromatopsia

200.0000, 0.0000, 0.0000



## Achromatomaly

199.9840, -35.9811, 14.0460

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 200.3350, -98.7652, 38.2942 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(244, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(244, 217, 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(244, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 217, 0) }
```

## Border

The CSS property to change the border of an element to YUV 200.3350, -98.7652, 38.2942 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(244, 217, 0) }
```

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

```
.border{ border-color:rgb(244, 217, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 217, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 217, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 217, 0);  
box-shadow:4px 4px 4px 4px rgb(244, 217,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 200.3350, -98.7652, 38.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 217, 0) }
```

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

```
.background{ background-color: rgb(244,  
217, 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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