

# Converting Colors

YUV(211.2550, -104.1487,  
38.3644)

Have a look what the booklet for  
YUV(211.2550, -104.1487, 38.3644)  
contains.

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# Color

**YUV(211.2550, -104.1487,  
38.3644)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE600
RGB	255, 230, 0
RGB Percent	100%, 90%, 0%
CMY	0.0000, 0.0980, 1.0000
CMYK	0.00, 0.10, 1.00, 0.00
HSL	54°, 100%, 50%
HSV	54°, 100%, 100%
XYZ	69.5368, 77.8536, 11.3623
YIQ	211.2550, 88.7300, -66.2300

# Conversions

## Conversions Part 2

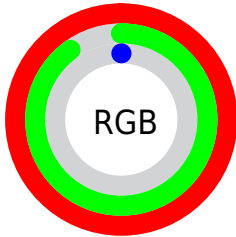
Format	Color
R <sub>Y</sub> B	28, 255, 0
Decimal	16770560
CIE Lab	90.71, -9.43, 89.83
CIE LCh	91, 90.322, 95.996
Yxy	77.8536, 0.4380, 0.4904
Android (android.graphics.Color)	4294960640 (0xFFFFE600)
YUV	211.2550, -104.1487, 38.3644
Hunter-Lab	88.2347, -13.7368, 54.1293

# Details

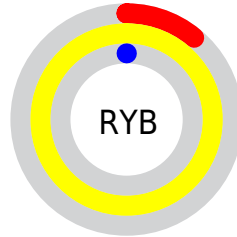
The YUV color **211.2550, -104.1487, 38.3644** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **43.7450, 104.1487, -38.3644**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4180, -71.1981, 16.2964**, and **160.4320, -79.0930, 28.5621** is the 20% darker color. If you saturate the color by 10%, you get **211.2550, -104.1487, 38.3644**, and if you desaturate by 10%, it is **215.2790, -93.8075, 34.8353**.

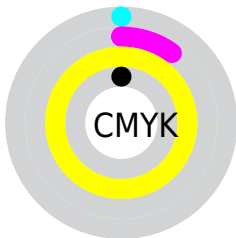
# Distribution



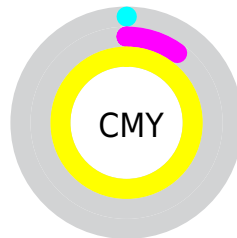
- Red (100%)
- Green (90%)
- Blue (0%)



- Red (11%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.2550, -104.1487, 38.3644 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 211.2550, -104.1487, 38.3644 by changing the saturation by 10% instead.



211.2550,  
-104.1487, 38.3644

211.2550,  
-104.1487, 38.3644

255.0000, 0.0000,  
0.0000

185.5500,  
-91.4762, 33.7206

236.4180,  
-71.1981, 16.2964

160.4320,  
-79.0930, 28.5621

239.8380,  
-58.0941, 13.2971

136.2000,  
-67.1466, 23.5036

243.2580,  
-44.9902, 10.2977

112.2670,  
-55.3476, 19.0598

246.6780,  
-31.8863, 7.2984

89.5080, -44.1274,  
13.5865

250.0980,  
-18.7823, 4.2991

67.0480, -33.0547,  
8.7279

253.5180, -5.6784,

46.0610, -22.7081,

1.2997

3.4545

■ 26.5580, -13.0931,  
-0.4894

■ 2.9350, -1.4470,  
-2.5740

■ 211.2550,  
-104.1487, 38.3644

■ 215.2790,  
-93.8075, 34.8353

■ 220.0040,  
-83.3190, 30.6915

■ 224.1420,  
-72.5410, 27.0625

■ 228.7530,  
-62.4892, 23.0186

■ 233.4780,  
-52.0007, 18.8748

■ 237.5020,  
-41.6595, 15.3457

■ 242.2270,  
-31.1709, 11.2019

■ 246.2510,  
-20.8297, 7.6729

■ 250.9760,  
-10.3412, 3.5290

# Harmonies

## Analogous

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



199.1970, -69.1171, 48.9392



211.2550, -104.1487, 38.3644



205.2820, -65.2150, -36.2043

# Triad

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



211.2550, -104.1487, 38.3644



178.7550, 37.5888, -156.7681



198.6480, 27.7815, 49.4207

# Complementary

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



211.2550, -104.1487, 38.3644



43.7450, 104.1487, -38.3644

# 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.



220.3560, 17.0795, 28.6288



211.2550, -104.1487, 38.3644



178.7550, 37.5888, -156.7681

# Square

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



211.2550, -104.1487, 38.3644



177.5010, 32.7840, -155.6684



165.8410, 43.9554, -145.4426



183.5220, 15.5187, 62.6862



# Rectangle

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



211.2550, -104.1487, 38.3644



182.8860, -28.0448, -105.1400



165.8410, 43.9554, -145.4426



205.6920, 24.3088, 43.2431

# Sweetspot

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



211.2550, -104.1487, 38.3644



242.2270, -31.1709, 11.2019



79.2090, -26.2320, 154.1687



119.8210, -18.6458, 7.1730



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.



211.2550, -104.1487, 38.3644



195.4320, -96.3480, -37.2129



125.3440, -5.0996, 2.3293



158.0730, -77.9300, 28.8770



52.5950, -25.9293, 10.0022

# Inverse Universe

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



43.7450, 104.1487, -38.3644



59.5680, 96.3480, 37.2129



117.0690, 5.3890, -1.8145



32.9270, 77.9300, -28.8770



10.8180, 26.2187, -9.4874

# Previews

## White Background



This preview shows how the YUV color 211.2550, -104.1487, 38.3644 looks on a white background.

## Color Contrast Check

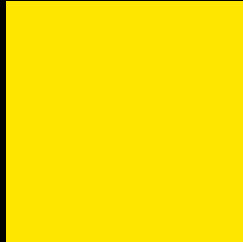
Large Text (above 18pt) WCAG AA × Fail

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 211.2550, -104.1487, 38.3644 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 211.2550, -104.1487, 38.3644 Background



This preview shows how black text looks on a background with the YUV color 211.2550, -104.1487, 38.3644.



This preview shows how white text looks on a background with the YUV color 211.2550, -104.1487,





# 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

211.2550, -104.1487, 38.3644

### Protanopia

219.7880, -68.9155, 30.8809

### Deuteranopia

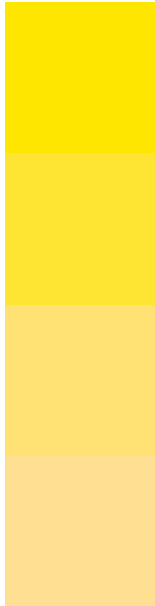
228.3670, -23.3519, 23.3571



## Tritanopia

231.0180, -0.5019, 21.0322

# Trichromacy



## Original Color

211.2550, -104.1487, 38.3644

## Protanomaly

216.4820, -81.5826, 33.7803

## Deuteranomaly

222.0170, -52.7594, 28.9261

## Tritanomaly

223.7900, -38.3505, 27.3712

# Monochromacy



## Original Color

211.2550, -104.1487, 38.3644

## Achromatopsia

211.0000, 0.0000, 0.0000

## Achromatomaly

211.1150, -38.0177, 13.9311

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.2550, -104.1487, 38.3644 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(255, 230, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 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(255, 230, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 0) }
```

## Border

The CSS property to change the border of an element to YUV 211.2550, -104.1487, 38.3644 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(255, 230, 0) }
```

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

```
.border{ border-color:rgb(255, 230, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
0) }
```

# Background

The CSS property to change the background color of an element to YUV 211.2550, -104.1487, 38.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 0) }
```

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

```
.background{ background-color: rgb(255,  
230, 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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