

# Converting Colors

YUV(211.5090, -86.0329,  
14.4626)

Have a look what the booklet for  
YUV(211.5090, -86.0329, 14.4626)  
contains.

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# Color

**YUV(211.5090, -86.0329,  
14.4626)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4ED25
RGB	228, 237, 37
RGB Percent	89%, 93%, 15%
CMY	0.1059, 0.0706, 0.8549
CMYK	0.04, 0.00, 0.84, 0.07
HSL	63°, 85%, 54%
HSV	63°, 84%, 93%
XYZ	62.6130, 77.1959, 13.3505
YIQ	211.5090, 58.8360, -64.1080

# Conversions

## Conversions Part 2

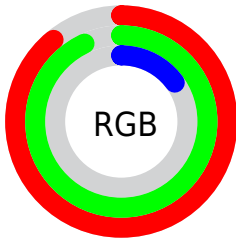
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 237, 46
Decimal	15002917
CIELab	90.41, -23.61, 84.11
CIELCh	90, 87.361, 105.683
Yxy	77.1959, 0.4088, 0.5040
Android (android.graphics.Color)	4293192997 (0xFFE4ED25)
YUV	211.5090, -86.0329, 14.4626
Hunter-Lab	87.8612, -26.5517, 52.4937

# Details

The YUV color **211.5090, -86.0329, 14.4626** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **62.4910, 86.0329, -14.4626**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9000, -65.5197, 14.9967**, and **156.4790, -77.1441, 10.1039** is the 20% darker color. If you saturate the color by 10%, you get **208.4740, -96.3687, 16.2473**, and if you desaturate by 10%, it is **214.5440, -75.6972, 12.6779**.

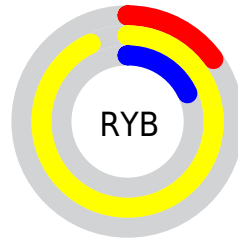
# Distribution



Red (89%)

Green (93%)

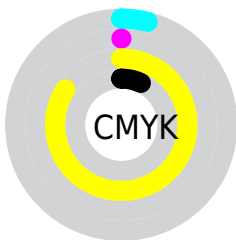
Blue (15%)



Red (15%)

Yellow (93%)

Blue (18%)

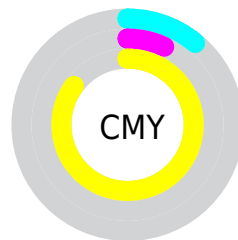


Cyan (4%)

Magenta (0%)

Yellow (84%)

Black (7%)



Cyan (11%)

Magenta (7%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.5090, -86.0329, 14.4626 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 211.5090, -86.0329, 14.4626 by changing the saturation by 10% instead.



211.5090,  
-86.0329, 14.4626

211.5090,  
-86.0329, 14.4626

255.0000, 0.0000,  
0.0000

181.8850,  
-89.6693, 14.1329

237.9000,  
-65.5197, 14.9967

156.4790,  
-77.1441, 10.1039

241.3200,  
-52.4158, 11.9974

132.5460,  
-65.3452, 5.6602

244.6260,  
-39.7486, 9.0980

108.6130,  
-53.5462, 1.2164

247.9320,  
-27.0815, 6.1986

85.5660, -42.1840,  
-3.1274

251.3520,  
-13.9775, 3.1993

63.1060, -31.1113,  
-7.9860

254.7720, -0.8736,

41.5320, -20.4753,

0.2000

-12.7446

■ 20.5450, -10.1287,  
-18.0180

■ 1.7610, -0.8682,  
-1.5444

■ 211.5090,  
-86.0329, 14.4626

■ 211.5090,  
-86.0329, 14.4626

■ 208.4740,  
-96.3687, 16.2473

■ 214.5440,  
-75.6972, 12.6779

■ 206.6930,  
-101.8996, 16.9322

■ 217.4650,  
-65.7982, 10.9932

■ 220.5000,  
-55.4625, 9.2085

■ 223.5350,  
-45.1268, 7.4238

■ 226.5700,  
-34.7910, 5.6391

■ 229.4910,  
-24.8921, 3.9544

■ 232.5260,  
-14.5563, 2.1697

■ 235.8600, -4.3680,  
0.9998

■ 238.7810, 5.5310,  
-0.6849

# Harmonies

## Analogous

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



204.2860, -77.5420, 44.4762



211.5090, -86.0329, 14.4626



199.8840, -48.2568, -62.1653

# Triad

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



211.5090, -86.0329, 14.4626



178.7550, 37.5888, -156.7681



194.5390, 29.8073, 53.0243

# Complementary

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



211.5090, -86.0329, 14.4626



62.4910, 86.0329, -14.4626

# 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.



213.9100, 20.2574, 36.0359



211.5090, -86.0329, 14.4626



174.6460, 39.6145, -153.1645

# Square

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



211.5090, -86.0329, 14.4626



178.7550, 37.5888, -156.7681



202.4400, 25.9121, -51.2519



183.8520, 1.5520, 62.3968



# Rectangle

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



211.5090, -86.0329, 14.4626



167.3550, -6.0910, -146.7703



202.4400, 25.9121, -51.2519



199.8220, 27.2028, 48.3911

# Sweetspot

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



211.5090, -86.0329, 14.4626



246.8070, -27.5129, 4.5543



100.9090, -31.5071, 119.3518



122.9560, -16.7403, 2.6696



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.



211.5090, -86.0329, 14.4626



222.6410, -109.7620, 18.7318



182.2070, -71.5871, -45.7855



115.7460, -4.8048, 1.0998



157.9740, -77.8812, 13.1778



46.9470, -23.1449, 3.5545



# Inverse Universe

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



62.4910, 86.0329, -14.4626



32.3590, 109.7620, -18.7318



91.7930, 71.5871, 45.7855



107.2540, 4.8048, -1.0998



23.0260, 77.8812, -13.1778

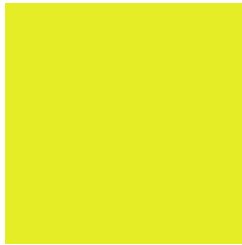


6.7540, 23.2923, -4.1693



# Previews

## White Background



This preview shows how the YUV color 211.5090, -86.0329, 14.4626 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

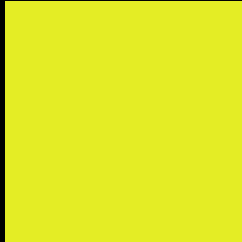
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 211.5090, -86.0329, 14.4626 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 211.5090, -86.0329, 14.4626

## Background



This preview shows how black text looks on a background with the YUV color 211.5090, -86.0329, 14.4626.



This preview shows how white text looks on a background with the YUV color 211.5090, -86.0329, 14.4626.



# 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

211.5090, -86.0329, 14.4626

### Protanopia

216.9210, -77.3621, 33.3953

### Deuteranopia

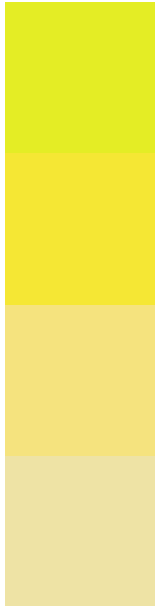
226.7370, -24.5203, 24.7867



## Tritanopia

229.8150, 4.0352, 12.4402

# Trichromacy



## Original Color

211.5090, -86.0329, 14.4626

## Protanomaly

214.7800, -80.2505, 26.5029

## Deuteranomaly

220.8680, -46.7699, 21.1638

## Tritanomaly

223.2210, -28.7030, 12.9612

# Monochromacy



## Original Color

211.5090, -86.0329, 14.4626

## Achromatopsia

212.0000, 0.0000, 0.0000

## Achromatomaly

211.7810, -31.4440, 5.4541

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.5090, -86.0329, 14.4626 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(228, 237, 37)` looks like.

```
.text, #text, p{  
    color:rgb(228, 237, 37)  
}
```

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(228, 237, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 237, 37) }
```

## Border

The CSS property to change the border of an element to YUV 211.5090, -86.0329, 14.4626 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(228, 237, 37) }
```



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

```
.border{ border-color:rgb(228, 237, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 237, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 237, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 237, 37);  
box-shadow:4px 4px 4px 4px rgb(228, 237,  
37) }
```

# Background

The CSS property to change the background color of an element to YUV 211.5090, -86.0329, 14.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 237, 37) }
```

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

```
.background{ background-color: rgb(228,  
237, 37) }
```

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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