

Converting Colors

YUV(210.4270, -101.7685,
21.5505)

Have a look what the booklet for
YUV(210.4270, -101.7685, 21.5505)
contains.

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Color

**YUV(210.4270, -101.7685,
21.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEE04
RGB	235, 238, 4
RGB Percent	92%, 93%, 2%
CMY	0.0784, 0.0667, 0.9843
CMYK	0.01, 0.00, 0.98, 0.07
HSL	61°, 97%, 47%
HSV	61°, 98%, 93%
XYZ	64.8574, 78.8200, 11.9103
YIQ	210.4270, 73.3260, -73.4100

Conversions

Conversions Part 2

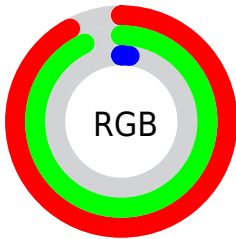
Format	Color
RYB	4, 238, 7
Decimal	15461892
CIELab	91.15, -21.67, 89.10
CIELCh	91, 91.694, 103.671
Yxy	78.8200, 0.4169, 0.5066
Android (android.graphics.Color)	4293651972 (0xFFEBEE04)
YUV	210.4270, -101.7685, 21.5505
Hunter-Lab	88.7806, -24.9655, 54.1924

Details

The YUV color **210.4270, -101.7685, 21.5505** 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 **31.5730, 101.7685, -21.5505**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.5320, -70.7613, 16.1964**, and **158.8600, -78.3180, 13.2778** is the 20% darker color. If you saturate the color by 10%, you get **209.9710, -103.5157, 21.9504**, and if you desaturate by 10%, it is **213.1630, -91.2854, 19.1510**.

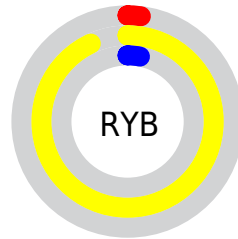
Distribution



Red (92%)

Green (93%)

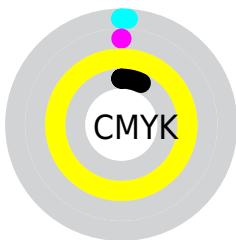
Blue (2%)



Red (2%)

Yellow (93%)

Blue (3%)

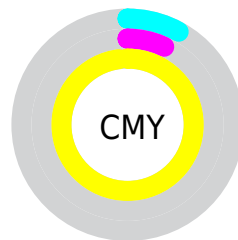


Cyan (1%)

Magenta (0%)

Yellow (98%)

Black (7%)



Cyan (8%)

Magenta (7%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.4270, -101.7685, 21.5505 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 210.4270, -101.7685, 21.5505 by changing the saturation by 10% instead.

210.4270,
-101.7685, 21.5505

210.4270,
-101.7685, 21.5505

255.0000, 0.0000,
0.0000

184.2660,
-90.8431, 17.3067

236.5320,
-70.7613, 16.1964

158.8600,
-78.3180, 13.2778

240.0660,
-57.2205, 13.0971

134.9270,
-66.5190, 8.8340

243.4860,
-44.1166, 10.0978

110.9940,
-54.7200, 4.3903

246.9060,
-31.0127, 7.0984

87.6480, -43.2105,
-0.5683

250.3260,
-17.9087, 4.0991

65.1880, -32.1377,
-5.4269

253.7460, -4.8048,

43.9130, -21.6491,

1.0998

-9.5707

■ 22.3280, -11.0077,
-16.0737

■ 4.6960, -2.3151,
-4.1184

■ 210.4270,
-101.7685, 21.5505

■ 210.4270,
-101.7685, 21.5505

■ 209.9710,
-103.5157, 21.9504

■ 213.1630,
-91.2854, 19.1510

■ 216.1980,
-80.9496, 17.3664

■ 218.8200,
-70.9033, 15.0669

■ 221.5560,
-60.4201, 12.6674

■ 224.5910,
-50.0844, 10.8827

■ 227.3270,
-39.6012, 8.4832

■ 230.0630,
-29.1181, 6.0837

■ 232.6850,
-19.0717, 3.7843

■ 235.7200, -8.7360,
1.9996

Harmonies

Analogous

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



202.5590, -81.6206, 45.9908



210.4270, -101.7685, 21.5505



199.8260, -53.6512, -58.6064

Triad

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



210.4270, -101.7685, 21.5505



178.7550, 37.5888, -156.7681



193.3650, 30.3861, 54.0539

Complementary

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



210.4270, -101.7685, 21.5505



31.5730, 101.7685, -21.5505

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.



215.6710, 19.3892, 34.4915



210.4270, -101.7685, 21.5505



177.5810, 38.1676, -155.7385

Square

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



210.4270, -101.7685, 21.5505



178.7550, 37.5888, -156.7681



197.0140, 28.5871, -69.2953



181.6010, 5.6197, 64.3709

Rectangle

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



210.4270, -101.7685, 21.5505



166.4430, -9.5854, -145.9705



197.0140, 28.5871, -69.2953



199.8220, 27.2028, 48.3911

Sweetspot

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



210.4270, -101.7685, 21.5505



246.2650, -32.1756, 6.7836



73.9660, -34.4932, 143.8578



122.5710, -19.5085, 3.8842



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.



210.4270, -101.7685, 21.5505



225.0330, -110.9413, 23.6501



176.3410, -84.9641, -48.5341



118.6320, -5.2416, 1.1997



162.1270, -79.9286, 16.5516



49.3170, -24.3133, 4.9840

Inverse Universe

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



31.5730, 101.7685, -21.5505



29.9670, 110.9413, -23.6501



65.6590, 84.9641, 48.5341



109.3680, 5.2416, -1.1997



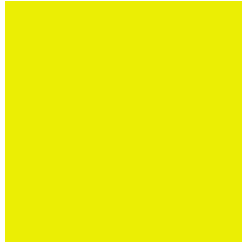
21.5740, 80.0760, -17.1664



6.6830, 24.3133, -4.9840

Previews

White Background



This preview shows how the YUV color 210.4270, -101.7685, 21.5505 looks on a white background.

Color Contrast Check

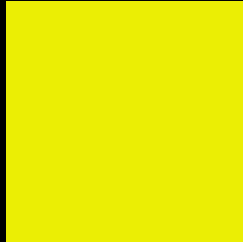
Large Text (above 18pt) WCAG AA × Fail

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 210.4270, -101.7685, 21.5505 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 210.4270, -101.7685, 21.5505 Background



This preview shows how black text looks on a background with the YUV color 210.4270, -101.7685, 21.5505.



This preview shows how white text looks on a background with the YUV color 210.4270, -101.7685,

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

210.4270, -101.7685, 21.5505

Protanopia

221.9710, -63.0897, 28.9664

Deuteranopia

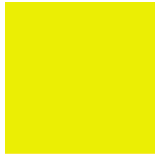
229.2960, -22.3309, 22.5424



Tritanopia

232.0220, 3.4402, 16.6437

Trichromacy



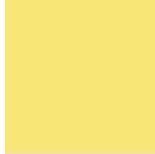
Original Color

210.4270, -101.7685, 21.5505



Protanomaly

217.8770, -77.3404, 26.4179



Deuteranomaly

222.7280, -51.1379, 22.1635



Tritanomaly

224.0600, -34.5396, 18.3644

Monochromacy



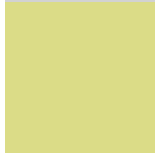
Original Color

210.4270, -101.7685, 21.5505



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.0110, -36.9804, 7.8834

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.4270, -101.7685, 21.5505 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, 238, 4)` looks like.

```
.text, #text, p{  
    color:rgb(235, 238, 4)  
}
```

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, 238, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 238, 4) }
```

Border

The CSS property to change the border of an element to YUV 210.4270, -101.7685, 21.5505 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, 238, 4) }
```


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

```
.border{ border-color:rgb(235, 238, 4) }
```

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

Here you see how a box with a 4 pixel rgb(235, 238, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 238, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 238, 4);  
box-shadow:4px 4px 4px 4px rgb(235, 238,  
4) }
```

Background

The CSS property to change the background color of an element to YUV 210.4270, -101.7685, 21.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 238, 4) }
```

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

```
.background{ background-color: rgb(235,  
238, 4) }
```

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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