

Converting Colors

YUV(214.0730, -88.2830,
-10.5880)

Have a look what the booklet for
YUV(214.0730, -88.2830, -10.5880)
contains.

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Color

**YUV(214.0730, -88.2830,
-10.5880)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CAFF23 |
| RGB | 202, 255, 35 |
| RGB Percent | 79%, 100%, 14% |
| CMY | 0.2078, 0.0000, 0.8627 |
| CMYK | 0.21, 0.00, 0.86, 0.00 |
| HSL | 74°, 100%, 57% |
| HSV | 74°, 86%, 100% |
| XYZ | 60.4205, 84.1979, 14.6574 |
| YIQ | 214.0730, 39.0320, -79.6560 |

Conversions

Conversions Part 2

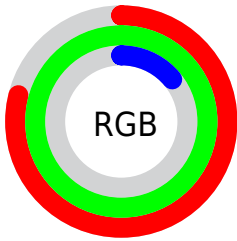
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 35, 255, 88 |
| Decimal | 13303587 |
| CIELab | 93.54, -42.22, 86.35 |
| CIELCh | 94, 96.124, 116.056 |
| Yxy | 84.1979, 0.3793, 0.5286 |
| Android (android.graphics.Color) | 4291493667 (0xFFCAFF23) |
| YUV | 214.0730, -88.2830, -10.5880 |
| Hunter-Lab | 91.7594, -43.0427, 54.7607 |

Details

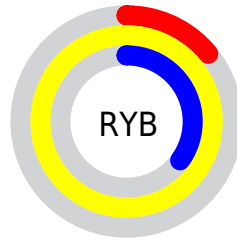
The YUV color **214.0730, -88.2830, -10.5880** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **75.9270, 88.2830, 10.5880**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.0140, -65.0829, 14.8967**, and **158.6840, -78.2312, -14.6319** is the 20% darker color. If you saturate the color by 10%, you get **209.3150, -98.7553, -11.6773**, and if you desaturate by 10%, it is **218.7170, -78.2475, -9.3988**.

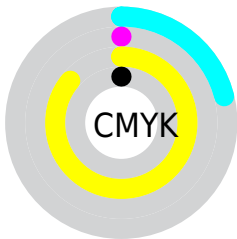
Distribution



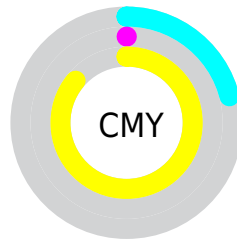
- Red (79%)
- Green (100%)
- Blue (14%)



- Red (14%)
- Yellow (100%)
- Blue (35%)



- Cyan (21%)
- Magenta (0%)
- Yellow (86%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.0730, -88.2830, -10.5880 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 214.0730, -88.2830, -10.5880 by changing the saturation by 10% instead.

■ 214.0730,
-88.2830, -10.5880

■ 214.0730,
-88.2830, -10.5880

■ 255.0000, 0.0000,
0.0000

■ 184.0900,
-90.7564, -10.6029

■ 238.0140,
-65.0829, 14.8967

■ 158.6840,
-78.2312, -14.6319

■ 241.4340,
-51.9790, 11.8974

■ 134.1640,
-66.1429, -18.5608

■ 244.8540,
-38.8750, 8.8980

■ 109.3450,
-53.9071, -23.1046

■ 248.2740,
-25.7711, 5.8987

■ 85.1130, -41.9607,
-28.1631

■ 251.6940,
-12.6671, 2.8994

■ 58.4780, -28.8297,
-39.8842

■ 40.5030, -19.9680,

-35.5211

■ 27.0020, -13.3120,
-23.6808

■ 12.3270, -6.0772,
-10.8108

■ 214.0730,
-88.2830, -10.5880

■ 214.0730,
-88.2830, -10.5880

■ 209.3150,
-98.7553, -11.6773

■ 218.7170,
-78.2475, -9.3988

■ 207.6910,
-102.3917, -12.0070

■ 223.4750,
-67.7752, -8.3096

■ 228.1190,
-57.7397, -7.1204

■ 233.1760,
-47.4148, -5.4164

■ 237.9340,
-36.9425, -4.3271

■ 242.5780,
-26.9070, -3.1379

■ 247.2220,
-16.8714, -1.9487

■ 251.9800, -6.3991,
-0.8595

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



210.0810, -103.5699, 39.3940



214.0730, -88.2830, -10.5880



177.8030, -25.5389, -115.5912

Triad

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



214.0730, -88.2830, -10.5880



178.7550, 37.5888, -156.7681



188.4410, 31.8276, 58.3722

Complementary

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



214.0730, -88.2830, -10.5880



75.9270, 88.2830, 10.5880

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.



207.4530, 23.4407, 41.6987



214.0730, -88.2830, -10.5880



176.4070, 38.7463, -154.7089

Square

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



214.0730, -88.2830, -10.5880



178.7550, 37.5888, -156.7681



219.2390, 17.6302, -8.1026



183.8230, -11.2517, 62.4222

Rectangle

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



214.0730, -88.2830, -10.5880



171.1170, 8.3233, -150.0696



219.2390, 17.6302, -8.1026



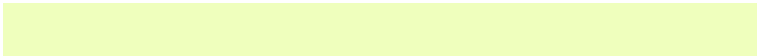
192.7780, 30.6754, 54.5687

Sweetspot

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



214.0730, -88.2830, -10.5880



242.6920, -26.4702, -3.2379



130.7170, -47.1885, 108.9962



120.4500, -15.9978, -2.1486



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.



214.0730, -88.2830, -10.5880



207.6910, -102.3917, -12.0070



181.7810, -72.3630, -76.9839



125.3220, -5.0887, -1.1594



155.4720, -76.6477, -9.1839



51.9200, -25.5966, -3.4378

Inverse Universe

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



75.9270, 88.2830, 10.5880



47.3090, 102.3917, 12.0070



108.2190, 72.3630, 76.9839



117.3790, 5.2362, 0.5446



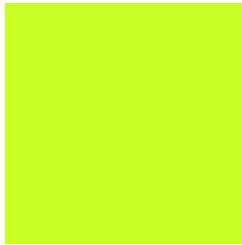
35.5280, 76.6477, 9.1839



11.7810, 25.7440, 2.8231

Previews

White Background



This preview shows how the YUV color 214.0730, -88.2830, -10.5880 looks on a white background.

Color Contrast Check

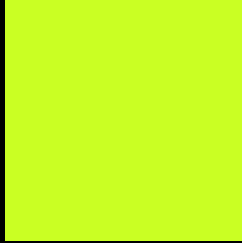
Large Text (above 18pt) WCAG AA × Fail

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 214.0730, -88.2830, -10.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

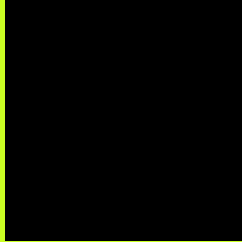
Any Text WCAG AA ✓ Pass

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 214.0730, -88.2830, -10.5880 Background



This preview shows how black text looks on a background with the YUV color 214.0730, -88.2830, -10.5880.



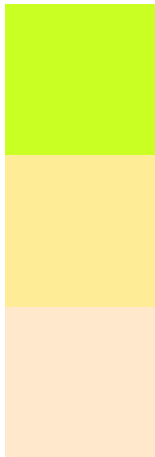
This preview shows how white text looks on a background with the YUV color 214.0730, -88.2830, -10.5880.

-10.5880.

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

214.0730, -88.2830, -10.5880

Protanopia

231.9910, -39.9286, 20.1789

Deuteranopia

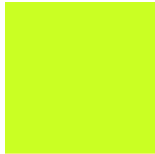
235.5710, -16.0575, 17.0392



Tritanopia

235.1650, 9.7787, -9.7917

Trichromacy



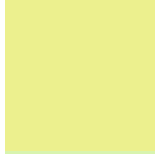
Original Color

214.0730, -88.2830, -10.5880



Protanomaly

225.6310, -57.4991, 9.0936



Deuteranomaly

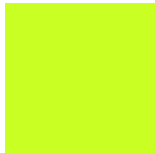
227.6320, -42.2166, 7.3387



Tritanomaly

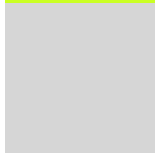
227.7620, -26.0117, -10.3153

Monochromacy



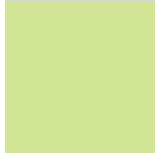
Original Color

214.0730, -88.2830, -10.5880



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.1990, -32.1431, -3.6825

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.0730, -88.2830, -10.5880 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(202, 255, 35)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 35)  
}
```

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(202, 255, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 35) }
```

Border

The CSS property to change the border of an element to YUV 214.0730, -88.2830, -10.5880 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(202, 255, 35) }
```


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

```
.border{ border-color:rgb(202, 255, 35) }
```

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

Here you see how a box with a 4 pixel rgb(202, 255, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 35);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 214.0730, -88.2830, -10.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 255, 35) }
```

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

```
.background{ background-color: rgb(202,  
255, 35) }
```

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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