

Converting Colors

YUV(214.4710, -91.9302,
-7.4291)

Have a look what the booklet for
YUV(214.4710, -91.9302, -7.4291)
contains.

YUV(214.4710, -91.9302, -7.4291)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(214.4710, -91.9302,
-7.4291)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFF1C
RGB	206, 255, 28
RGB Percent	81%, 100%, 11%
CMY	0.1922, 0.0000, 0.8902
CMYK	0.19, 0.00, 0.89, 0.00
HSL	73°, 100%, 55%
HSV	73°, 89%, 100%
XYZ	61.4232, 84.7257, 14.2150
YIQ	214.4710, 43.6630, -80.9850

Conversions

Conversions Part 2

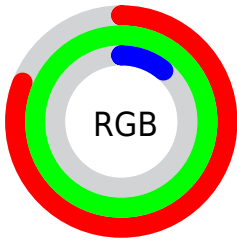
Format	Color
R _Y B	28, 255, 77
Decimal	13565724
CIE Lab	93.76, -40.84, 87.79
CIE LCh	94, 96.825, 114.948
Yxy	84.7257, 0.3830, 0.5283
Android (android.graphics.Color)	4291755804 (0xFFCEFF1C)
YUV	214.4710, -91.9302, -7.4291
Hunter-Lab	92.0465, -41.9673, 55.2763

Details

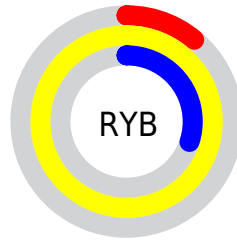
The YUV color **214.4710, -91.9302, -7.4291** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **68.5290, 91.9302, 7.4291**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6720, -66.3933, 15.1967**, and **159.8800, -78.8208, -12.1728** is the 20% darker color. If you saturate the color by 10%, you get **209.8270, -101.9657, -8.6183**, and if you desaturate by 10%, it is **219.2290, -81.4579, -6.3398**.

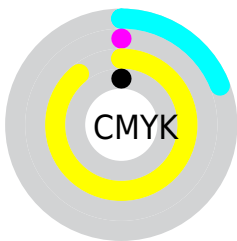
Distribution



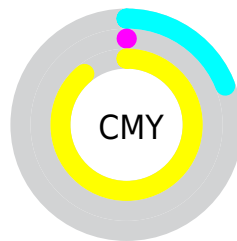
- Red (81%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (30%)



- Cyan (19%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.4710, -91.9302, -7.4291 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 214.4710, -91.9302, -7.4291 by changing the saturation by 10% instead.

■ 214.4710,
-91.9302, -7.4291

■ 214.4710,
-91.9302, -7.4291

255.0000, 0.0000,
0.0000

■ 185.2860,
-91.3460, -8.1438

■ 237.6720,
-66.3933, 15.1967

■ 159.8800,
-78.8208, -12.1728

■ 241.0920,
-53.2894, 12.1973

■ 135.3600,
-66.7325, -16.1017

■ 244.5120,
-40.1854, 9.1980

■ 110.5410,
-54.4967, -20.6455

■ 247.9320,
-27.0815, 6.1986

■ 86.3090, -42.5503,
-25.7040

■ 251.3520,
-13.9775, 3.1993

■ 60.8700, -30.0089,
-34.9660

254.7720, -0.8736,

■ 40.5030, -19.9680,

0.2000

-35.5211

■ 27.0020, -13.3120,
-23.6808

■ 12.9140, -6.3666,
-11.3256

■ 214.4710,
-91.9302, -7.4291

■ 214.4710,
-91.9302, -7.4291

■ 209.8270,
-101.9657, -8.6183

■ 219.2290,
-81.4579, -6.3398

■ 209.4850,
-103.2761, -8.3183

■ 223.5740,
-71.2750, -5.7654

■ 228.3320,
-60.8027, -4.6762

■ 232.6770,
-50.6198, -4.1017

■ 237.4350,
-40.1475, -3.0125

■ 241.7800,
-29.9645, -2.4381

■ 246.5380,
-19.4922, -1.3488

■ 250.8830, -9.3093,
-0.7744

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.



209.4940, -103.2805, 39.9088



214.4710, -91.9302, -7.4291



180.7500, -28.4707, -108.5288

Triad

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



214.4710, -91.9302, -7.4291



178.7550, 37.5888, -156.7681



188.6690, 32.7012, 58.1723

Complementary

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



214.4710, -91.9302, -7.4291



68.5290, 91.9302, 7.4291

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.



208.0400, 23.1513, 41.1839



214.4710, -91.9302, -7.4291



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.



214.4710, -91.9302, -7.4291



178.7550, 37.5888, -156.7681



218.3200, 18.0832, -13.4356



183.5780, -9.6520, 62.6371

Rectangle

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



214.4710, -91.9302, -7.4291



170.7750, 7.0129, -149.7697



218.3200, 18.0832, -13.4356



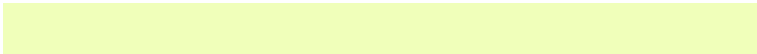
193.3650, 30.3861, 54.0539

Sweetspot

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



214.4710, -91.9302, -7.4291



242.6490, -27.9280, -2.3232



122.2880, -46.4840, 116.3884



120.6350, -16.5821, -1.4339



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.



214.4710, -91.9302, -7.4291



209.4850, -103.2761, -8.3183



181.5810, -75.7154, -75.0545



125.6210, -5.2362, -0.5446



156.9670, -77.3847, -6.1101



52.5180, -25.8914, -2.2083

Inverse Universe

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



68.5290, 91.9302, 7.4291



45.5150, 103.2761, 8.3183



101.4190, 75.7154, 75.0545



117.3790, 5.2362, 0.5446



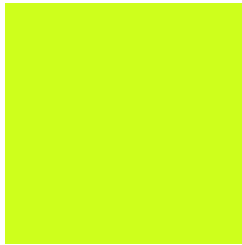
34.0330, 77.3847, 6.1101



11.4820, 25.8914, 2.2083

Previews

White Background



This preview shows how the YUV color 214.4710, -91.9302, -7.4291 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 214.4710, -91.9302, -7.4291 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 214.4710, -91.9302, -7.4291 Background



This preview shows how black text looks on a background with the YUV color 214.4710, -91.9302, -7.4291.



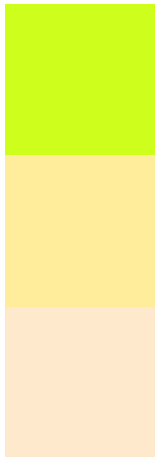
This preview shows how white text looks on a background with the YUV color 214.4710, -91.9302, -7.4291.

-7.4291.

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

214.4710, -91.9302, -7.4291

Protanopia

233.1480, -38.0340, 19.1642

Deuteranopia

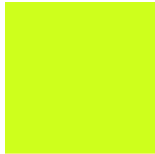
236.3860, -15.4733, 16.3245



Tritanopia

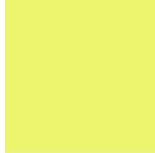
236.0620, 9.3364, -7.9474

Trichromacy



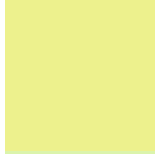
Original Color

214.4710, -91.9302, -7.4291



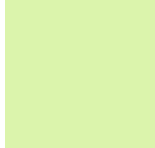
Protanomaly

226.5170, -57.9359, 9.1936



Deuteranomaly

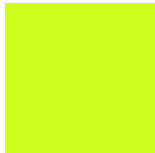
228.4040, -43.0902, 7.5387



Tritanomaly

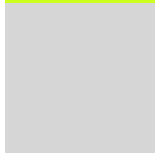
228.3170, -27.7643, -8.1710

Monochromacy



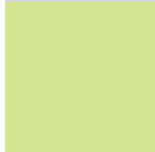
Original Color

214.4710, -91.9302, -7.4291



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.1560, -33.6009, -2.7678

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.4710, -91.9302, -7.4291 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(206, 255, 28)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 28)  
}
```

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(206, 255, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 28) }
```

Border

The CSS property to change the border of an element to YUV 214.4710, -91.9302, -7.4291 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(206, 255, 28) }
```


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

```
.border{ border-color:rgb(206, 255, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 28);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 214.4710, -91.9302, -7.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 28) }
```

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

```
.background{ background-color: rgb(206,  
255, 28) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor