

Converting Colors

YUV(214.5520, -71.2641,
-9.2541)

Have a look what the booklet for
YUV(214.5520, -71.2641, -9.2541)
contains.

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Color

**YUV(214.5520, -71.2641,
-9.2541)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF846
RGB	204, 248, 70
RGB Percent	80%, 97%, 27%
CMY	0.2000, 0.0275, 0.7255
CMYK	0.18, 0.00, 0.72, 0.03
HSL	75°, 93%, 62%
HSV	75°, 72%, 97%
XYZ	59.5747, 80.4144, 18.1760
YIQ	214.5520, 30.9140, -64.6860

Conversions

Conversions Part 2

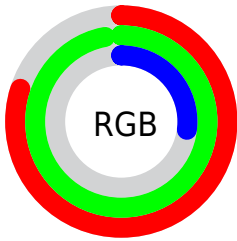
Format	Color
RYB	70, 248, 114
Decimal	13432902
CIELab	91.87, -37.06, 75.86
CIELCh	92, 84.428, 116.035
Yxy	80.4144, 0.3767, 0.5084
Android (android.graphics.Color)	4291622982 (0xFFCCCF846)
YUV	214.5520, -71.2641, -9.2541
Hunter-Lab	89.6741, -38.3436, 50.7544

Details

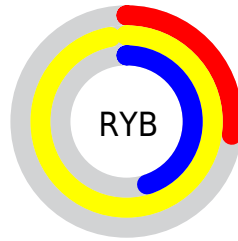
The YUV color **214.5520, -71.2641, -9.2541** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **103.4480, 71.2641, 9.2541**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6360, -55.0365, 12.5972**, and **155.7710, -76.7951, -8.5692** is the 20% darker color. If you saturate the color by 10%, you get **209.9080, -81.2996, -10.4433**, and if you desaturate by 10%, it is **219.1960, -61.2286, -8.0649**.

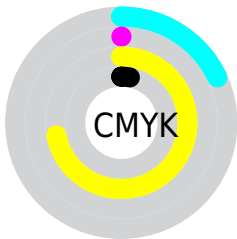
Distribution



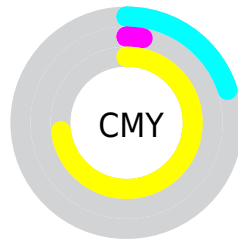
- Red (80%)
- Green (97%)
- Blue (27%)



- Red (27%)
- Yellow (97%)
- Blue (45%)



- Cyan (18%)
- Magenta (0%)
- Yellow (72%)
- Black (3%)



- Cyan (20%)
- Magenta (3%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.5520, -71.2641, -9.2541 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 214.5520, -71.2641, -9.2541 by changing the saturation by 10% instead.

214.5520,
-71.2641, -9.2541

214.5520,
-71.2641, -9.2541

255.0000, 0.0000,
0.0000

184.8680,
-73.8849, -8.6542

240.6360,
-55.0365, 12.5972

155.7710,
-76.7951, -8.5692

243.9420,
-42.3694, 9.6979

131.2510,
-64.7067, -12.4981

247.2480,
-29.7023, 6.7985

107.3180,
-52.9078, -16.9419

250.5540,
-17.0351, 3.8991

83.6840, -41.2562,
-20.7709

253.9740, -3.9312,
0.8998

59.4410, -29.3044,
-27.5738

36.9810, -18.2316,

-32.4323

■ 24.6540, -12.1544,
-21.6216

■ 7.6310, -3.7621,
-6.6924

■ 214.5520,
-71.2641, -9.2541

■ 214.5520,
-71.2641, -9.2541

■ 209.9080,
-81.2996, -10.4433

■ 219.1960,
-61.2286, -8.0649

■ 205.2640,
-91.3352, -11.6325

■ 223.8400,
-51.1931, -6.8757

■ 201.4890,
-99.3341, -12.7069

■ 228.3700,
-41.5944, -5.5865

■ 233.3130,
-31.7063, -3.7825

■ 237.9570,
-21.6708, -2.5933

■ 242.6010,
-11.6353, -1.4041

■ 247.2450, -1.5998,
-0.2149

■ 250.2930, 2.3206,
2.3740

■ 250.8910, 2.0257,
3.6036

Harmonies

Analogous

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



213.4330, -80.5725, 36.4543



214.5520, -71.2641, -9.2541



191.8000, -27.5094, -90.1556

Triad

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



214.5520, -71.2641, -9.2541



178.7550, 37.5888, -156.7681



195.2740, 25.0079, 52.3797

Complementary

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



214.5520, -71.2641, -9.2541



103.4480, 71.2641, 9.2541

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.



210.3880, 21.9937, 39.1247



214.5520, -71.2641, -9.2541



172.2980, 40.7721, -151.1053

Square

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



214.5520, -71.2641, -9.2541



178.7550, 37.5888, -156.7681



218.9620, 17.7667, -5.2287



190.1490, -12.3985, 56.8743

Rectangle

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



214.5520, -71.2641, -9.2541



171.3450, 9.1969, -150.2696



218.9620, 17.7667, -5.2287



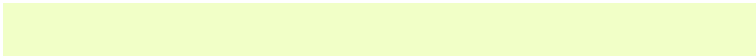
199.2350, 27.4921, 48.9059

Sweetspot

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



214.5520, -71.2641, -9.2541



244.4300, -22.3970, -3.0081



147.8760, -38.3929, 87.8087



121.4330, -13.5245, -2.1337



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.



214.5520, -71.2641, -9.2541



213.8880, -87.6988, -11.3028



188.5390, -58.4397, -62.7397



122.6210, -5.2362, -0.5446



153.4010, -75.6267, -9.9987



49.5610, -24.4336, -3.1230

Inverse Universe

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



103.4480, 71.2641, 9.2541



77.1120, 87.6988, 11.3028



129.4610, 58.4397, 62.7397



114.6780, 5.0887, 1.1594



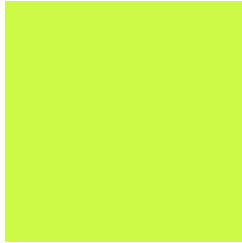
35.5990, 75.6267, 9.9987



11.4390, 24.4336, 3.1230

Previews

White Background



This preview shows how the YUV color 214.5520, -71.2641, -9.2541 looks on a white background.

Color Contrast Check

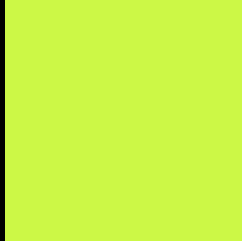
Large Text (above 18pt) WCAG AA × Fail

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 214.5520, -71.2641, -9.2541 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 214.5520, -71.2641, -9.2541 Background



This preview shows how black text looks on a background with the YUV color 214.5520, -71.2641, -9.2541.



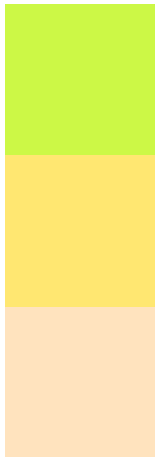
This preview shows how white text looks on a background with the YUV color 214.5520, -71.2641, -9.2541.

-9.2541.

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

214.5520, -71.2641, -9.2541

Protanopia

224.7240, -55.0799, 26.5521

Deuteranopia

231.1540, -20.2889, 20.9129



Tritanopia

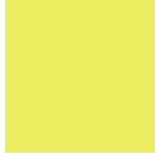
230.7740, 9.4784, -6.8178

Trichromacy



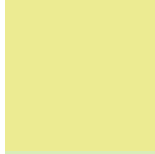
Original Color

214.5520, -71.2641, -9.2541



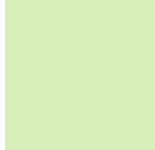
Protanomaly

220.7410, -61.0043, 13.3821



Deuteranomaly

225.1530, -39.0224, 9.5128



Tritanomaly

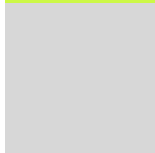
224.7930, -19.6179, -7.7115

Monochromacy



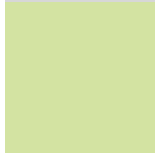
Original Color

214.5520, -71.2641, -9.2541



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.8060, -26.0334, -3.3379

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.5520, -71.2641, -9.2541 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(204, 248, 70)` looks like.

```
.text, #text, p{  
    color:rgb(204, 248, 70)  
}
```

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(204, 248, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 248, 70) }
```

Border

The CSS property to change the border of an element to YUV 214.5520, -71.2641, -9.2541 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(204, 248, 70) }
```


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

```
.border{ border-color:rgb(204, 248, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 248, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 248, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 248, 70);  
box-shadow:4px 4px 4px 4px rgb(204, 248,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 214.5520, -71.2641, -9.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 248, 70) }
```

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

```
.background{ background-color: rgb(204,  
248, 70) }
```

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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