

Converting Colors

YUV(226.7270, -39.7984,
-21.6856)

Have a look what the booklet for
YUV(226.7270, -39.7984, -21.6856)
contains.

YUV(226.7270, -39.7984, -21.6856)	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(226.7270, -39.7984,
-21.6856)**

Conversions

Conversions Part 1

Format	Color
Hex	CAFF92
RGB	202, 255, 146
RGB Percent	79%, 100%, 57%
CMY	0.2078, 0.0000, 0.4275
CMYK	0.21, 0.00, 0.43, 0.00
HSL	89°, 100%, 79%
HSV	89°, 43%, 100%
XYZ	65.3054, 86.1519, 40.3811
YIQ	226.7270, 3.4010, -45.1350

Conversions

Conversions Part 2

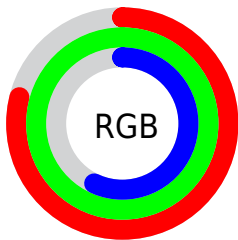
Format	Color
RYB	146, 255, 199
Decimal	13303698
CIELab	94.38, -34.56, 46.61
CIElCh	94, 58.026, 126.554
Yxy	86.1519, 0.3404, 0.4491
Android (android.graphics.Color)	4291493778 (0xFFCAFF92)
YUV	226.7270, -39.7984, -21.6856
Hunter-Lab	92.8180, -36.8415, 39.1781

Details

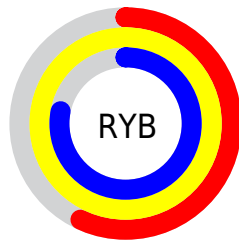
The YUV color **226.7270, -39.7984, -21.6856** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **174.2730, 39.7984, 21.6856**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.8440, -23.5871, 5.3988**, and **170.4820, -38.1986, -21.4707** is the 20% darker color. If you saturate the color by 10%, you get **220.2890, -48.9495, -26.5635**, and if you desaturate by 10%, it is **233.1650, -30.6473, -16.8077**.

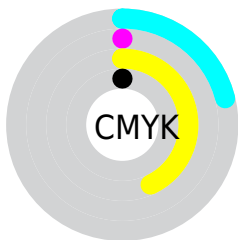
Distribution



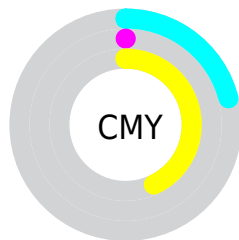
- Red (79%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.7270, -39.7984, -21.6856 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 226.7270, -39.7984, -21.6856 by changing the saturation by 10% instead.

■ 226.7270,
-39.7984, -21.6856

■ 226.7270,
-39.7984, -21.6856

255.0000, 0.0000,
0.0000

■ 198.2540,
-39.0722, -21.2708

■ 248.8440,
-23.5871, 5.3988

■ 170.4820,
-38.1986, -21.4707

■ 252.1500,
-10.9200, 2.4994

■ 143.5960,
-37.7618, -21.5707

■ 116.8240,
-36.8882, -21.7706

■ 89.9550, -38.9248,
-21.8855

■ 65.9530, -32.5148,
-24.5148

■ 42.5960, -20.9998,

-31.2177

■ 27.0020, -13.3120,
-23.6808

■ 14.0880, -6.9454,
-12.3552

■ 226.7270,
-39.7984, -21.6856

■ 226.7270,
-39.7984, -21.6856

■ 220.2890,
-48.9495, -26.5635

■ 233.1650,
-30.6473, -16.8077

■ 213.4380,
-58.3899, -31.9561

■ 240.0160,
-21.2069, -11.4150

■ 206.8860,
-67.9778, -36.7340

■ 246.5680,
-11.6190, -6.6371

■ 200.1490,
-76.9815, -42.2267

■ 253.3050, -2.6154,
-1.1445

■ 193.5970,
-86.5693, -47.0046

255.0000, 0.0000,
0.0000

■ 188.8540,
-93.1050, -50.7380

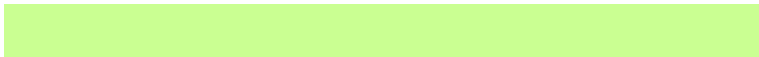
Harmonies

Analogous

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



231.3750, -52.4429, 20.7191



226.7270, -39.7984, -21.6856



209.8450, -8.7976, -71.7781

Triad

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



226.7270, -39.7984, -21.6856



178.7550, 37.5888, -156.7681



215.6420, 6.5855, 34.5170

Complementary

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



226.7270, -39.7984, -21.6856



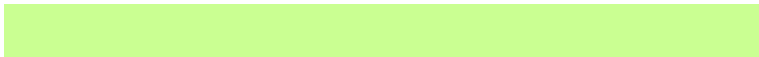
174.2730, 39.7984, 21.6856

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.



222.7150, 15.9165, 28.3139



226.7270, -39.7984, -21.6856



221.0790, 16.7231, -43.9193

Square

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



226.7270, -39.7984, -21.6856



178.7550, 37.5888, -156.7681



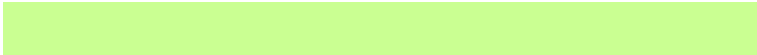
233.8680, 10.4181, 18.5328



214.1820, -19.3167, 35.7974

Rectangle

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



226.7270, -39.7984, -21.6856



190.5560, 19.4459, -124.1446



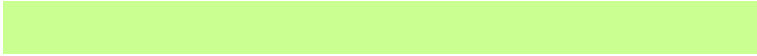
233.8680, 10.4181, 18.5328



218.3950, 14.5953, 32.1026

Sweetspot

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



226.7270, -39.7984, -21.6856



246.4540, -12.0558, -6.5372



209.7020, -31.4051, 39.7263



122.6160, -7.6987, -4.0482



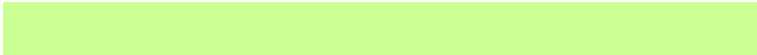
0.0000, 0.0000, 0.0000



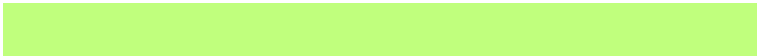
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.7270, -39.7984, -21.6856



221.3430, -47.4971, -25.7338



210.5810, -31.8384, -54.8835



124.4250, -4.6465, -3.0037



141.4190, -69.7196, -38.0785



47.4350, -23.3855, -12.6595

Inverse Universe

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



174.2730, 39.7984, 21.6856



158.6570, 47.4971, 25.7338



190.4190, 31.8384, 54.8835



118.2760, 4.7939, 2.3889



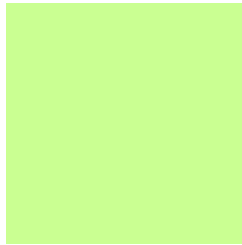
49.5810, 69.7196, 38.0785



16.5650, 23.3855, 12.6595

Previews

White Background



This preview shows how the YUV color 226.7270, -39.7984, -21.6856 looks on a white background.

Color Contrast Check

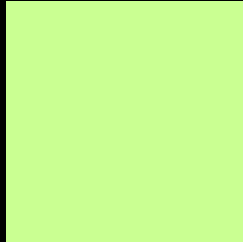
Large Text (above 18pt) WCAG AA × Fail

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 226.7270, -39.7984, -21.6856 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

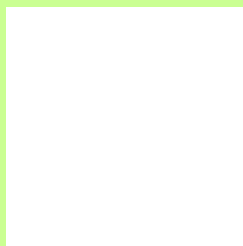
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.7270, -39.7984, -21.6856 Background



This preview shows how black text looks on a background with the YUV color 226.7270, -39.7984, -21.6856.



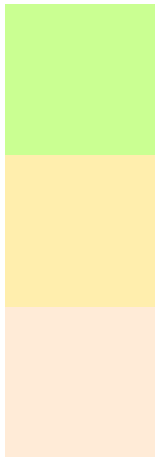
This preview shows how white text looks on a background with the YUV color 226.7270, -39.7984, -21.6856.

-21.6856.

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

226.7270, -39.7984, -21.6856

Protanopia

235.6730, -30.8978, 16.9498

Deuteranopia

238.7000, -11.6841, 14.2951



Tritanopia

237.5130, 8.6211, -11.8509

Trichromacy



Original Color

226.7270, -39.7984, -21.6856



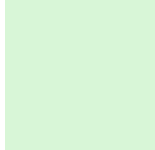
Protanomaly

232.3740, -34.2014, 3.1800



Deuteranomaly

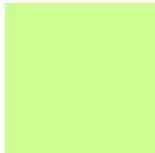
234.2780, -21.8291, 1.5102



Tritanomaly

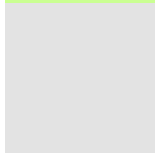
233.4960, -9.1185, -15.3440

Monochromacy



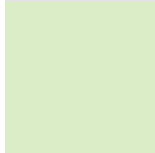
Original Color

226.7270, -39.7984, -21.6856



Achromatopsia

227.0000, 0.0000, 0.0000



Achromatomaly

226.8730, -14.2344, -7.7816

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.7270, -39.7984, -21.6856 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 146) }
```

Border

The CSS property to change the border of an element to YUV 226.7270, -39.7984, -21.6856 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, 146) }
```


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

```
.border{ border-color:rgb(202, 255, 146) }
```

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, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 146);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 226.7270, -39.7984, -21.6856 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, 146) }
```

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

```
.background{ background-color: rgb(202,  
255, 146) }
```

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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