

Converting Colors

YUV(246.7510, -22.5552,
1.0954)

Have a look what the booklet for
YUV(246.7510, -22.5552, 1.0954)
contains.

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Color

**YUV(246.7510, -22.5552,
1.0954)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFC9
RGB	248, 255, 201
RGB Percent	97%, 100%, 79%
CMY	0.0275, 0.0000, 0.2118
CMYK	0.03, 0.00, 0.21, 0.00
HSL	68°, 100%, 89%
HSV	68°, 21%, 100%
XYZ	85.0140, 95.6935, 69.2483
YIQ	246.7510, 13.1620, -18.2780

Conversions

Conversions Part 2

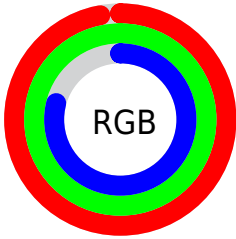
Format	Color
R _Y B	201, 255, 208
Decimal	16318409
CIE Lab	98.31, -10.97, 25.09
CIE LCh	98, 27.385, 113.610
Yxy	95.6935, 0.3401, 0.3828
Android (android.graphics.Color)	4294508489 (0xFFF8FFC9)
YUV	246.7510, -22.5552, 1.0954
Hunter-Lab	97.8231, -16.0633, 26.5051

Details

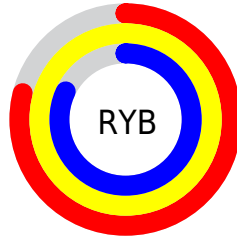
The YUV color $246.7510, -22.5552, 1.0954$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $209.2490, 22.5552, -1.0954$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $190.0930, -21.2448, 0.7954$ is the 20% darker color. If you saturate the color by 10%, you get $243.0040, -33.0330, 1.7505$, and if you desaturate by 10%, it is $250.6120, -11.6407, 0.3403$.

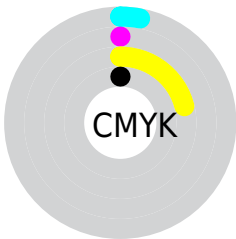
Distribution



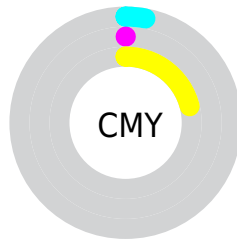
- Red (97%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.7510, -22.5552, 1.0954 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 246.7510, -22.5552, 1.0954 by changing the saturation by 10% instead.

■ 246.7510,
-22.5552, 1.0954

■ 246.7510,
-22.5552, 1.0954

255.0000, 0.0000,
0.0000

■ 217.9790,
-21.6816, 0.8954

■ 190.0930,
-21.2448, 0.7954

■ 163.2070,
-20.8081, 0.6955

■ 137.0220,
-20.2238, -0.0193

■ 111.2500,
-19.3502, -0.2193

■ 86.3640, -18.9135,
-0.3192

■ 63.1790, -18.3292,

-1.0340

■ 40.3640, -18.9135,
-0.3192

■ 21.5190, -10.6089,
-3.9632

■ 246.7510,
-22.5552, 1.0954

■ 246.7510,
-22.5552, 1.0954

■ 243.0040,
-33.0330, 1.7505

■ 250.6120,
-11.6407, 0.3403

■ 238.8440,
-43.8001, 1.8908

■ 254.6580, -1.3104,
0.2999

■ 234.9830,
-54.7146, 2.6459

■ 255.0000, 0.0000,
0.0000

■ 231.2360,
-65.1923, 3.3010

■ 227.0760,
-75.9595, 3.4413

■ 223.3290,
-86.4372, 4.0965

■ 219.4680,
-97.3517, 4.8516

■ 216.0630,
-106.5191, 5.2067

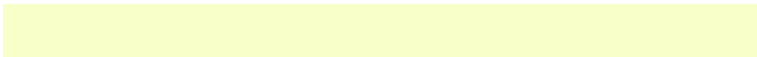
Harmonies

Analogous

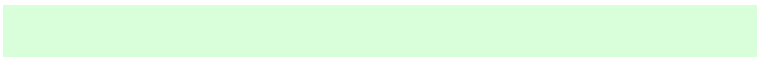
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.2190, -22.2930, 10.3319



246.7510, -22.5552, 1.0954



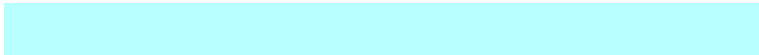
239.4200, -10.5601, -19.6623

Triad

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



246.7510, -22.5552, 1.0954



233.7710, 10.4659, -43.6492



241.4990, 6.6560, 11.8404

Complementary

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



246.7510, -22.5552, 1.0954



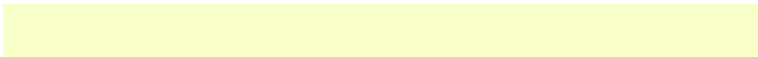
209.2490, 22.5552, -1.0954

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.



244.4340, 5.2090, 9.2664



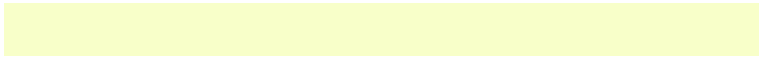
246.7510, -22.5552, 1.0954



241.5560, 6.6279, -25.9206

Square

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



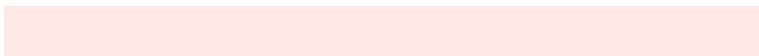
246.7510, -22.5552, 1.0954



231.6780, 11.4977, -47.9526



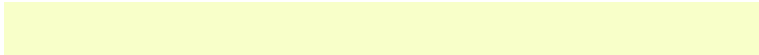
246.7380, 4.0732, 0.2298



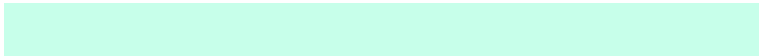
238.6490, -4.2640, 14.3398

Rectangle

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



246.7510, -22.5552, 1.0954



235.8620, -0.9180, -32.3280



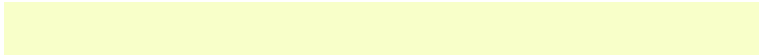
246.7380, 4.0732, 0.2298



242.0860, 6.3666, 11.3256

Sweetspot

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



246.7510, -22.5552, 1.0954



252.6920, -6.2572, 0.2701



220.6680, -9.6963, 30.1092



126.3760, -3.6364, -0.3298



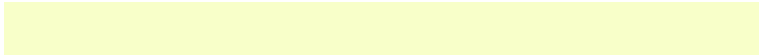
0.0000, 0.0000, 0.0000



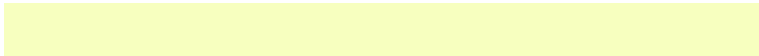
128.0000, 0.0000, 0.0000

Same Dimension

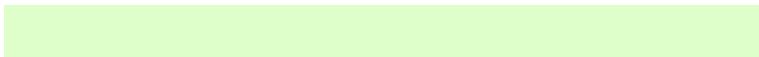
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.7510, -22.5552, 1.0954



245.3120, -26.7758, 1.4804



238.9770, -18.7227, -14.8888



125.9200, -5.3836, 0.0702



161.7510, -79.7432, 3.7264



54.0130, -26.6284, 0.8656

Inverse Universe

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



209.2490, 22.5552, -1.0954



200.9870, 26.6284, -0.8656



217.0230, 18.7227, 14.8888



116.7810, 5.5310, -0.6849



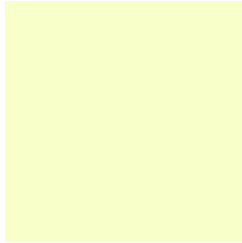
29.2490, 79.7432, -3.7264



9.6880, 26.7758, -1.4804

Previews

White Background



This preview shows how the YUV color 246.7510, -22.5552, 1.0954 looks on a white background.

Color Contrast Check

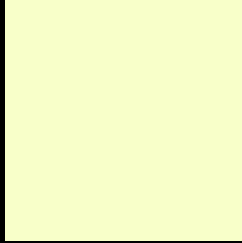
Large Text (above 18pt) WCAG AA × Fail

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 246.7510, -22.5552, 1.0954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

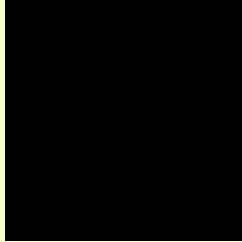
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 246.7510, -22.5552, 1.0954

Background



This preview shows how black text looks on a background with the YUV color 246.7510, -22.5552, 1.0954.



This preview shows how white text looks on a background with the YUV color 246.7510, -22.5552,

1.0954.

Color Blindness Simulation

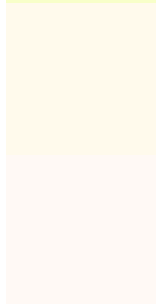
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

246.7510, -22.5552, 1.0954



Protanopia

249.8990, -6.8522, 4.4736

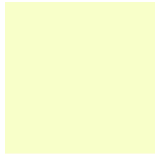
Deuteranopia

250.3380, -2.6316, 4.0886

Tritanopia

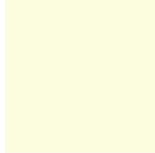
250.5810, 2.1786, 1.2445

Trichromacy



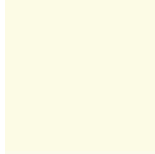
Original Color

246.7510, -22.5552, 1.0954



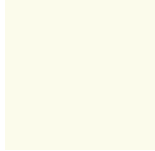
Protanomaly

248.6940, -12.6671, 2.8994



Deuteranomaly

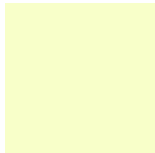
248.7910, -9.7570, 2.8143



Tritanomaly

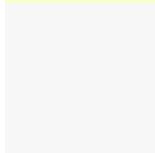
249.1760, -6.9888, 1.5996

Monochromacy



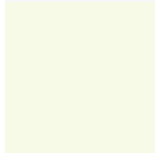
Original Color

246.7510, -22.5552, 1.0954



Achromatopsia

247.0000, 0.0000, 0.0000



Achromatomaly

246.8230, -8.2937, 0.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.7510, -22.5552, 1.0954 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(248, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 201)  
}
```

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(248, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 201) }
```

Border

The CSS property to change the border of an element to YUV 246.7510, -22.5552, 1.0954 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(248, 255, 201) }
```


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

```
.border{ border-color:rgb(248, 255, 201) }
```

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

Here you see how a box with a 4 pixel rgb(248, 255, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 246.7510, -22.5552, 1.0954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 201) }
```

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

```
.background{ background-color: rgb(248,  
255, 201) }
```

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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