

# Converting Colors

YUV(220.5550, -25.4166,  
-14.5187)

Have a look what the booklet for  
YUV(220.5550, -25.4166, -14.5187)  
contains.

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# Color

**YUV(220.5550, -25.4166,  
-14.5187)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCEFA9
RGB	204, 239, 169
RGB Percent	80%, 94%, 66%
CMY	0.2000, 0.0627, 0.3373
CMYK	0.15, 0.00, 0.29, 0.06
HSL	90°, 69%, 80%
HSV	90°, 29%, 94%
XYZ	62.9298, 77.4349, 49.1658
YIQ	220.5550, 1.6100, -29.1900

# Conversions

## Conversions Part 2

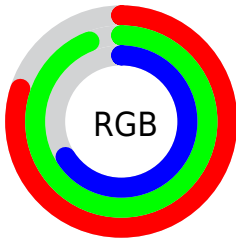
Format	Color
<b>RYB</b>	169, 239, 204
Decimal	13430697
CIELab	90.52, -23.36, 30.22
CIELCh	91, 38.194, 127.698
Yxy	77.4349, 0.3320, 0.4086
Android (android.graphics.Color)	4291620777 (0xFFCCEFA9)
YUV	220.5550, -25.4166, -14.5187
Hunter-Lab	87.9971, -26.3435, 28.4714

# Details

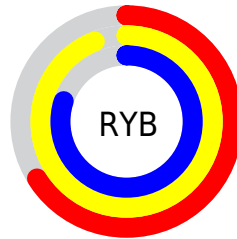
The YUV color  $220.5550, -25.4166, -14.5187$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $187.4450, 25.4166, 14.5187$ , and the grayscale version is  $221.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.5800, -13.1039, 2.9993$ , and  $165.1960, -24.2536, -14.2039$  is the 20% darker color. If you saturate the color by 10%, you get  $214.2310, -34.1309, -19.4966$ , and if you desaturate by 10%, it is  $226.8790, -16.7023, -9.5409$ .

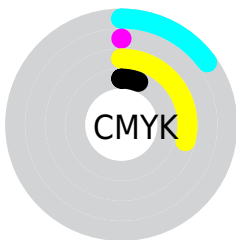
# Distribution



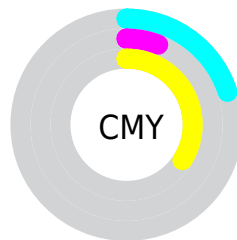
- Red (80%)
- Green (94%)
- Blue (66%)



- Red (66%)
- Yellow (94%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (29%)
- Black (6%)



- Cyan (20%)
- Magenta (6%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 220.5550, -25.4166, -14.5187 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 220.5550, -25.4166, -14.5187 by changing the saturation by 10% instead.



■ 220.5550,  
-25.4166, -14.5187

■ 220.5550,  
-25.4166, -14.5187

■ 255.0000, 0.0000,  
0.0000

■ 192.6690,  
-24.9798, -14.6187

■ 251.5800,  
-13.1039, 2.9993

■ 165.1960,  
-24.2536, -14.2039

■ 254.7720, -0.8736,  
0.2000

■ 138.7230,  
-23.5274, -13.7891

■ 112.9510,  
-22.6538, -13.9890

■ 88.0650, -22.2170,  
-14.0890

■ 63.5920, -21.4909,  
-13.6742

■ 40.9340, -20.1805,

-13.9741

■ 20.5450, -10.1287,  
-18.0180

■ 2.3480, -1.1576,  
-2.0592

■ 220.5550,  
-25.4166, -14.5187

■ 220.5550,  
-25.4166, -14.5187

■ 214.2310,  
-34.1309, -19.4966

■ 226.8790,  
-16.7023, -9.5409

■ 207.9070,  
-42.8452, -24.4744

■ 233.2030, -7.9881,  
-4.5630

■ 201.5830,  
-51.5594, -29.4523

■ 239.5270, 0.7262,  
0.4148

■ 195.2590,  
-60.2737, -34.4301

■ 244.7110, 5.0725,  
6.3925

■ 188.9350,  
-68.9880, -39.4080

■ 245.6080, 4.6303,  
8.2368

■ 182.7250,  
-77.2654, -44.4858

■ 176.4010,  
-85.9797, -49.4637

■ 176.1730,  
-86.8533, -49.2637

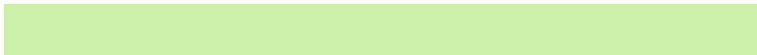
# Harmonies

## Analogous

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



225.0490, -34.5342, 16.6200



220.5550, -25.4166, -14.5187



215.2270, -7.9999, -47.5571

# Triad

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



220.5550, -25.4166, -14.5187



211.2230, 21.5821, -62.4626



218.7250, 0.6286, 31.8132

# Complementary

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



220.5550, -25.4166, -14.5187



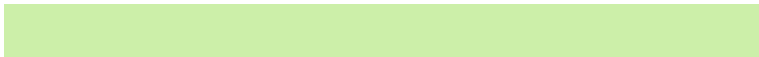
187.4450, 25.4166, 14.5187

# 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.



225.0630, 14.7589, 26.2547



220.5550, -25.4166, -14.5187



220.9120, 16.8054, -23.6018

# Square

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



220.5550, -25.4166, -14.5187



206.0630, 24.1259, -85.1243



228.5300, 13.0497, 14.4442

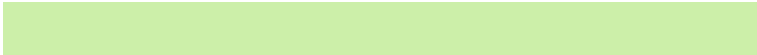


217.6700, -16.1063, 32.7384



# Rectangle

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



220.5550, -25.4166, -14.5187



211.1780, 6.3212, -67.6851



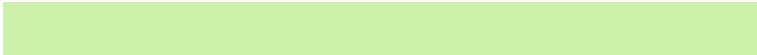
228.5300, 13.0497, 14.4442



220.6800, 5.5808, 30.0986

# Sweetspot

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



220.5550, -25.4166, -14.5187



249.0890, -8.4249, -4.4631



210.4750, -20.4472, 25.0164



123.8980, -5.3727, -3.4185



0.0000, 0.0000, 0.0000

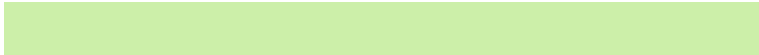


128.0000, 0.0000, 0.0000

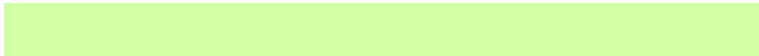


# Same Dimension

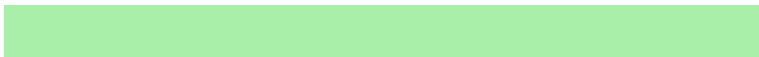
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.5550, -25.4166, -14.5187



231.3990, -32.2417, -18.7669



210.3890, -20.4048, -35.4212



116.8380, -4.3571, -2.4889



135.5160, -66.8094, -38.1635



41.2440, -20.3333, -11.6150



# Inverse Universe

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



187.4450, 25.4166, 14.5187



189.3020, 32.3891, 18.1521



197.9100, 20.2574, 36.0359



111.1620, 4.3571, 2.4889



48.4840, 66.8094, 38.1635

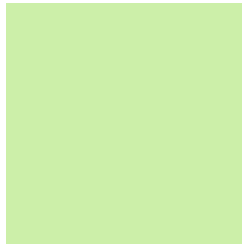


14.7560, 20.3333, 11.6150



# Previews

## White Background



This preview shows how the YUV color 220.5550, -25.4166, -14.5187 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

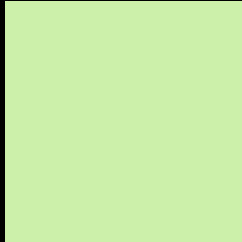
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 220.5550, -25.4166, -14.5187 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

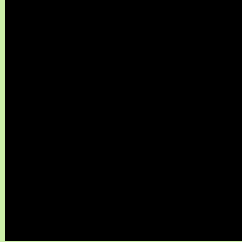
Any Text WCAG AA ✓ Pass

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 220.5550, -25.4166, -14.5187 Background



This preview shows how black text looks on a background with the YUV color 220.5550, -25.4166, -14.5187.



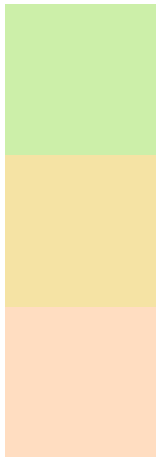
This preview shows how white text looks on a background with the YUV color 220.5550, -25.4166, -14.5187.

-14.5187.

# 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

220.5550, -25.4166, -14.5187

### Protanopia

225.2000, -30.1716, 17.3646

### Deuteranopia

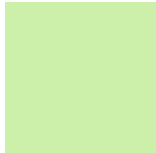
227.9740, -17.2422, 23.7018



## Tritanopia

227.1650, 9.7787, -9.7917

# Trichromacy



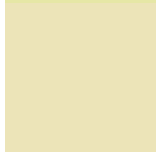
## Original Color

220.5550, -25.4166, -14.5187



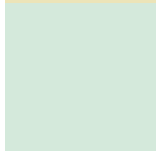
## Protanomaly

223.2910, -28.2445, 5.8838



## Deuteranomaly

225.3760, -20.3984, 9.3172



## Tritanomaly

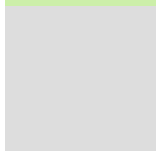
225.1250, -3.0196, -11.5106

# Monochromacy



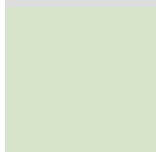
## Original Color

220.5550, -25.4166, -14.5187



## Achromatopsia

221.0000, 0.0000, 0.0000



## Achromatomaly

221.1490, -9.4405, -5.3927

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 220.5550, -25.4166, -14.5187 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, 239, 169)` looks like.

```
.text, #text, p{  
    color:rgb(204, 239, 169)  
}
```

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, 239, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 239, 169) }
```

## Border

The CSS property to change the border of an element to YUV 220.5550, -25.4166, -14.5187 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, 239, 169) }
```



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

```
.border{ border-color:rgb(204, 239, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 239, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 239, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 239, 169);  
box-shadow:4px 4px 4px 4px rgb(204, 239,  
169) }
```

# Background

The CSS property to change the background color of an element to YUV 220.5550, -25.4166, -14.5187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 239, 169) }
```

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

```
.background{ background-color: rgb(204,  
239, 169) }
```

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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