

Converting Colors

YUV(235.4670, -55.4462,
3.9754)

Have a look what the booklet for
YUV(235.4670, -55.4462, 3.9754)
contains.

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Color

**YUV(235.4670, -55.4462,
3.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FF7B
RGB	240, 255, 123
RGB Percent	94%, 100%, 48%
CMY	0.0588, 0.0000, 0.5176
CMYK	0.06, 0.00, 0.52, 0.00
HSL	67°, 100%, 74%
HSV	67°, 52%, 100%
XYZ	75.2703, 91.4753, 32.4282
YIQ	235.4670, 33.4320, -44.2320

Conversions

Conversions Part 2

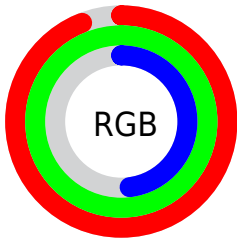
Format	Color
R_{YB}	123, 255, 138
Decimal	15794043
CIE _{Lab}	96.61, -22.78, 60.58
CIE _{LCh}	97, 64.724, 110.603
Yxy	91.4753, 0.3779, 0.4593
Android (android.graphics.Color)	4293984123 (0xFFFF0FF7B)
YUV	235.4670, -55.4462, 3.9754
Hunter-Lab	95.6427, -26.8962, 46.8473

Details

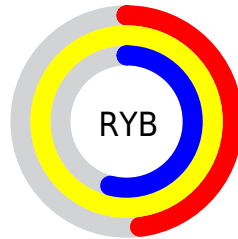
The YUV color $235.4670, -55.4462, 3.9754$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $142.5330, 55.4462, -3.9754$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.2220, -33.6334, 7.6983$, and $178.5100, -53.9884, 3.0607$ is the 20% darker color. If you saturate the color by 10%, you get $231.7200, -65.9240, 4.6306$, and if you desaturate by 10%, it is $239.3280, -44.5317, 3.2203$.

Distribution



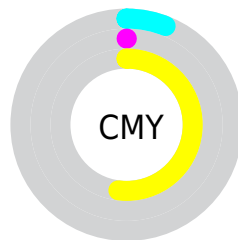
- Red (94%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.4670, -55.4462, 3.9754 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 235.4670, -55.4462, 3.9754 by changing the saturation by 10% instead.

235.4670,
-55.4462, 3.9754

235.4670,
-55.4462, 3.9754

255.0000, 0.0000,
0.0000

206.6950,
-54.5726, 3.7755

246.2220,
-33.6334, 7.6983

178.5100,
-53.9884, 3.0607

249.5280,
-20.9663, 4.7989

150.6840,
-54.5672, 2.0311

252.8340, -8.2992,
1.8996

122.4900,
-60.3876, 2.2013

99.1550, -48.8834,
-1.0129

76.7060, -37.8161,
-4.1272

55.1320, -27.1801,

-8.8858

■ 33.5580, -16.5441,
-13.6444

■ 17.0230, -8.3923,
-14.9292

■ 235.4670,
-55.4462, 3.9754

■ 235.4670,
-55.4462, 3.9754

■ 231.7200,
-65.9240, 4.6306

■ 239.3280,
-44.5317, 3.2203

■ 227.8590,
-76.8385, 5.3857

■ 243.0750,
-34.0540, 2.5652

■ 224.1120,
-87.3162, 6.0408

■ 246.9360,
-23.1394, 1.8101

■ 220.2510,
-98.2307, 6.7959

■ 250.6830,
-12.6617, 1.1550

■ 217.2590,
-107.1087, 7.6659

■ 254.2450, -1.5998,
-0.2149

255.0000, 0.0000,
0.0000

Harmonies

Analogous

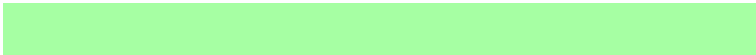
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.7560, -53.6167, 23.8930



235.4670, -55.4462, 3.9754



217.9010, -27.0662, -45.5172

Triad

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



235.4670, -55.4462, 3.9754



178.7550, 37.5888, -156.7681



219.7800, 17.3635, 30.8879

Complementary

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



235.4670, -55.4462, 3.9754



142.5330, 55.4462, -3.9754

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.



229.7590, 12.4438, 22.1364



235.4670, -55.4462, 3.9754



200.5820, 26.8281, -111.8894

Square

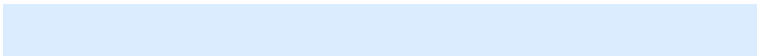
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.4670, -55.4462, 3.9754



178.7550, 37.5888, -156.7681



233.0830, 10.8051, -12.3508



213.9660, -4.9132, 35.9868

Rectangle

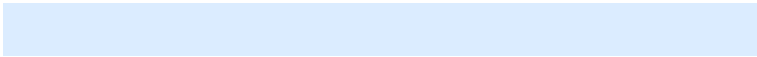
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.4670, -55.4462, 3.9754



202.4990, -0.7390, -89.8916



233.0830, 10.8051, -12.3508



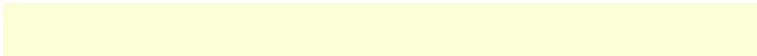
222.1280, 16.2059, 28.8287

Sweetspot

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



235.4670, -55.4462, 3.9754



248.8310, -17.1717, 1.0252



170.0990, -23.2198, 74.4582



124.2530, -10.4777, 0.6551



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

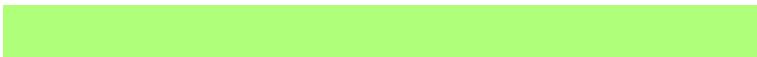
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.4670, -55.4462, 3.9754



231.6060, -66.3608, 4.7305



216.3310, -46.0122, -35.3703



125.9200, -5.3836, 0.0702



162.9470, -80.3329, 6.1855



54.6110, -26.9232, 2.0952

Inverse Universe

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



142.5330, 55.4462, -3.9754



120.3940, 66.3608, -4.7305



161.6690, 46.0122, 35.3703



116.7810, 5.5310, -0.6849



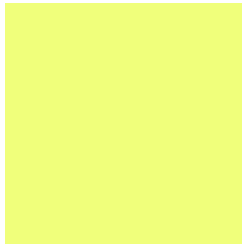
28.3520, 80.1855, -5.5707



9.3890, 26.9232, -2.0952

Previews

White Background



This preview shows how the YUV color 235.4670, -55.4462, 3.9754 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 235.4670, -55.4462, 3.9754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

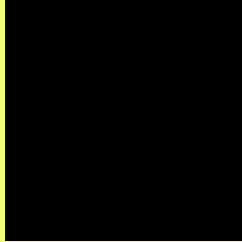
Any Text WCAG AA ✓ Pass

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 235.4670, -55.4462, 3.9754 Background



This preview shows how black text looks on a background with the YUV color 235.4670, -55.4462, 3.9754.



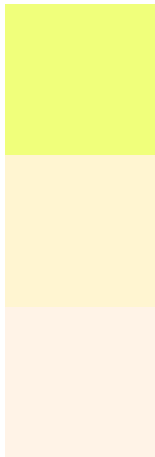
This preview shows how white text looks on a background with the YUV color 235.4670, -55.4462, 3.9754.

3.9754.

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

235.4670, -55.4462, 3.9754

Protanopia

243.8860, -17.1988, 9.7470

Deuteranopia

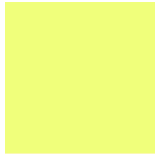
245.2200, -7.0105, 8.5771



Tritanopia

246.4720, 4.2043, 4.8481

Trichromacy



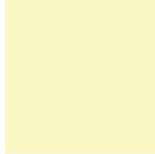
Original Color

235.4670, -55.4462, 3.9754



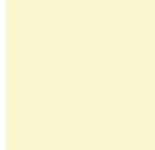
Protanomaly

241.2050, -31.1601, 7.7132



Deuteranomaly

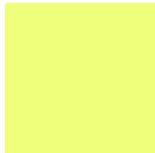
241.6270, -24.4661, 7.3431



Tritanomaly

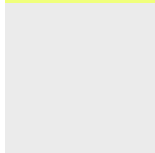
242.7390, -17.6193, 4.6139

Monochromacy



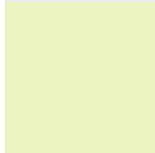
Original Color

235.4670, -55.4462, 3.9754



Achromatopsia

235.0000, 0.0000, 0.0000



Achromatomaly

235.0330, -20.2293, 1.7251

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.4670, -55.4462, 3.9754 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(240, 255, 123)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 123)  
}
```

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(240, 255, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 123) }
```

Border

The CSS property to change the border of an element to YUV 235.4670, -55.4462, 3.9754 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(240, 255, 123) }
```


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

```
.border{ border-color:rgb(240, 255, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 123);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 235.4670, -55.4462, 3.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 123) }
```

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

```
.background{ background-color: rgb(240,  
255, 123) }
```

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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