

Converting Colors

YUV(220.9550, -35.4738,
-8.7305)

Have a look what the booklet for
YUV(220.9550, -35.4738, -8.7305)
contains.

YUV(220.9550, -35.4738, -8.7305)	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(220.9550, -35.4738,
-8.7305)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F095
RGB	211, 240, 149
RGB Percent	83%, 94%, 58%
CMY	0.1725, 0.0588, 0.4157
CMYK	0.12, 0.00, 0.38, 0.06
HSL	79°, 75%, 76%
HSV	79°, 38%, 94%
XYZ	63.4489, 78.3390, 40.2106
YIQ	220.9550, 11.9270, -34.4490

Conversions

Conversions Part 2

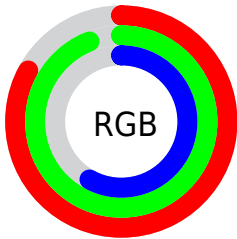
Format	Color
RYB	149, 240, 178
Decimal	13889685
CIELab	90.93, -23.94, 40.88
CIELCh	91, 47.373, 120.355
Yxy	78.3390, 0.3486, 0.4304
Android (android.graphics.Color)	4292079765 (0xFFD3F095)
YUV	220.9550, -35.4738, -8.7305
Hunter-Lab	88.5093, -26.9316, 35.0205

Details

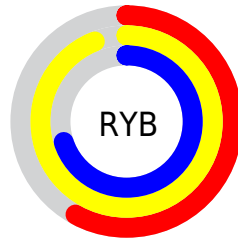
The YUV color $220.9550, -35.4738, -8.7305$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $168.0450, 35.4738, 8.7305$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1860, -22.2767, 5.0989$, and $165.4110, -33.7266, -9.1304$ is the 20% darker color. If you saturate the color by 10%, you get $215.8270, -44.7777, -11.2493$, and if you desaturate by 10%, it is $226.0830, -26.1699, -6.2118$.

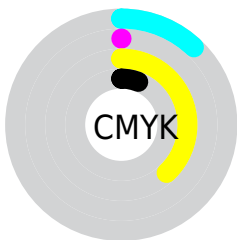
Distribution



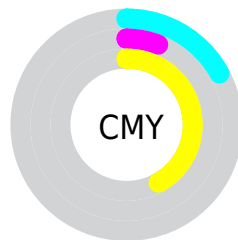
- Red (83%)
- Green (94%)
- Blue (58%)



- Red (58%)
- Yellow (94%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (38%)
- Black (6%)



- Cyan (17%)
- Magenta (6%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.9550, -35.4738, -8.7305 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 220.9550, -35.4738, -8.7305 by changing the saturation by 10% instead.

■ 220.9550,
-35.4738, -8.7305

■ 220.9550,
-35.4738, -8.7305

255.0000, 0.0000,
0.0000

■ 193.0690,
-35.0370, -8.8305

■ 249.1860,
-22.2767, 5.0989

■ 165.4110,
-33.7266, -9.1304

■ 252.4920, -9.6096,
2.1995

■ 138.6390,
-32.8530, -9.3304

■ 112.7530,
-32.4162, -9.4304

■ 87.3400, -32.7056,
-9.9452

■ 62.7960, -30.9584,
-10.3451

■ 42.4180, -20.9121,

-12.6446

■ 21.1320, -10.4181,
-18.5328

■ 3.5220, -1.7363,
-3.0888

■ 220.9550,
-35.4738, -8.7305

■ 220.9550,
-35.4738, -8.7305

■ 215.8270,
-44.7777, -11.2493

■ 226.0830,
-26.1699, -6.2118

■ 210.9980,
-54.2290, -13.1532

■ 230.9120,
-16.7186, -4.3078

■ 205.8700,
-63.5329, -15.6720

■ 236.0400, -7.4147,
-1.7891

■ 200.7420,
-72.8368, -18.1907

■ 241.1680, 1.8892,
0.7297

■ 195.9130,
-82.2881, -20.0947

■ 244.4010, 5.2253,
4.0333

■ 190.7850,
-91.5920, -22.6134

■ 246.1950, 4.3409,
7.7220

■ 189.9160,
-93.6286, -22.7283

Harmonies

Analogous

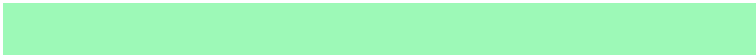
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.5250, -43.1498, 26.7266



220.9550, -35.4738, -8.7305



213.9680, -15.2672, -49.9609

Triad

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



220.9550, -35.4738, -8.7305



197.3920, 28.4007, -102.9528



216.3430, 6.7329, 33.9022

Complementary

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



220.9550, -35.4738, -8.7305



168.0450, 35.4738, 8.7305

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.



223.8890, 15.3377, 27.2843



220.9550, -35.4738, -8.7305



214.5780, 19.9280, -45.2339

Square

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



220.9550, -35.4738, -8.7305



183.8710, 35.0666, -141.0839



226.7140, 13.9450, 7.2668



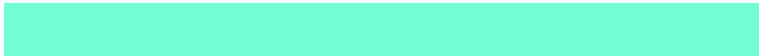
213.5610, -14.0806, 36.3420

Rectangle

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



220.9550, -35.4738, -8.7305



206.7760, 2.5754, -79.6106



226.7140, 13.9450, 7.2668



218.7540, 13.4323, 31.7877

Sweetspot

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



220.9550, -35.4738, -8.7305



249.1170, -10.9037, -2.7336



193.2320, -21.8064, 41.0155



124.2680, -6.5411, -1.9890



0.0000, 0.0000, 0.0000



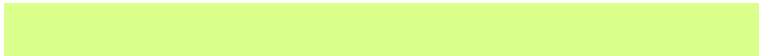
128.0000, 0.0000, 0.0000

Same Dimension

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



220.9550, -35.4738, -8.7305



230.5990, -45.6513, -11.0493



207.5000, -28.8405, -36.3955



117.4360, -4.6519, -1.2594



145.3830, -71.6738, -17.8759



44.2340, -21.8074, -5.4672

Inverse Universe

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



168.0450, 35.4738, 8.7305



162.4010, 45.6513, 11.0493



181.5000, 28.8405, 36.3955



110.5640, 4.6519, 1.2594



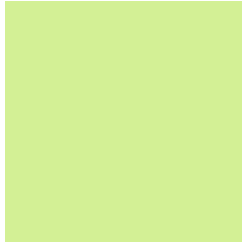
38.6170, 71.6738, 17.8759



11.7660, 21.8074, 5.4672

Previews

White Background



This preview shows how the YUV color 220.9550, -35.4738, -8.7305 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 220.9550, -35.4738, -8.7305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

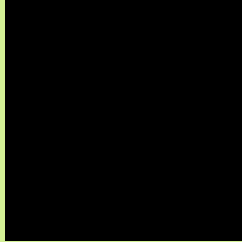
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.9550, -35.4738, -8.7305

Background



This preview shows how black text looks on a background with the YUV color 220.9550, -35.4738, -8.7305.



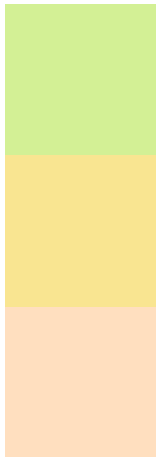
This preview shows how white text looks on a background with the YUV color 220.9550, -35.4738, -8.7305.

-8.7305.

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

220.9550, -35.4738, -8.7305

Protanopia

225.4040, -39.6392, 20.6937

Deuteranopia

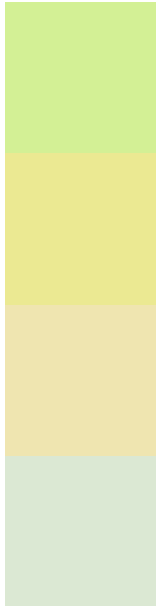
228.9200, -18.6946, 22.8722



Tritanopia

228.8560, 8.4520, -4.2587

Trichromacy



Original Color

220.9550, -35.4738, -8.7305

Protanomaly

223.6800, -38.2962, 9.9276

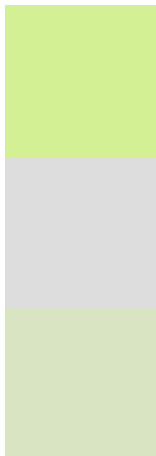
Deuteranomaly

225.9480, -24.6244, 11.4466

Tritanomaly

225.7190, -7.2565, -5.8926

Monochromacy



Original Color

220.9550, -35.4738, -8.7305

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9490, -12.7929, -3.4633

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.9550, -35.4738, -8.7305 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(211, 240, 149)` looks like.

```
.text, #text, p{  
    color:rgb(211, 240, 149)  
}
```

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(211, 240, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 240, 149) }
```

Border

The CSS property to change the border of an element to YUV 220.9550, -35.4738, -8.7305 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(211, 240, 149) }
```


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

```
.border{ border-color:rgb(211, 240, 149) }
```

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

Here you see how a box with a 4 pixel rgb(211, 240, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 240, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 240, 149);  
box-shadow:4px 4px 4px 4px rgb(211, 240,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 220.9550, -35.4738, -8.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 240, 149) }
```

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

```
.background{ background-color: rgb(211,  
240, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor