

Converting Colors

YUV(215.1540, -20.7819,
-54.5091)

Have a look what the booklet for
YUV(215.1540, -20.7819, -54.5091)
contains.

YUV(215.1540, -20.7819, -54.5091)	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(215.1540, -20.7819,
-54.5091)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFAD
RGB	153, 255, 173
RGB Percent	60%, 100%, 68%
CMY	0.4000, 0.0000, 0.3216
CMYK	0.40, 0.00, 0.32, 0.00
HSL	132°, 100%, 80%
HSV	132°, 40%, 100%
XYZ	56.4397, 81.3094, 52.2548
YIQ	215.1540, -34.4700, -47.1260

Conversions

Conversions Part 2

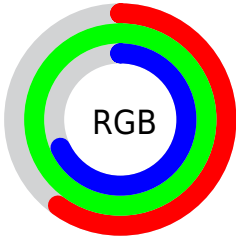
Format	Color
RYB	153, 238, 255
Decimal	10092461
CIELab	92.27, -46.42, 30.09
CIELCh	92, 55.314, 147.050
Yxy	81.3094, 0.2970, 0.4279
Android (android.graphics.Color)	4288282541 (0xFF99FFAD)
YUV	215.1540, -20.7819, -54.5091
Hunter-Lab	90.1717, -46.0750, 28.7615

Details

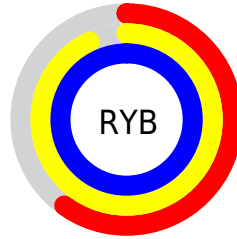
The YUV color **215.1540, -20.7819, -54.5091** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **192.8460, 20.7819, 54.5091**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8800, -4.8708, -24.4508**, and **158.6100, -19.0347, -54.9090** is the 20% darker color. If you saturate the color by 10%, you get **205.3990, -25.8327, -67.8789**, and if you desaturate by 10%, it is **225.3220, -15.4417, -40.6244**.

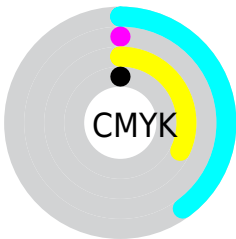
Distribution



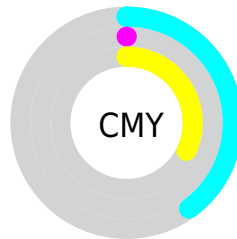
- Red (60%)
- Green (100%)
- Blue (68%)



- Red (60%)
- Yellow (93%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.1540, -20.7819, -54.5091 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 215.1540, -20.7819, -54.5091 by changing the saturation by 10% instead.

■ 215.1540,
-20.7819, -54.5091

■ 215.1540,
-20.7819, -54.5091

255.0000, 0.0000,
0.0000

■ 186.6810,
-20.0557, -54.0942

■ 238.8800, -4.8708,
-24.4508

■ 158.6100,
-19.0347, -54.9090

■ 250.5150, 2.2111,
-9.2217

■ 130.6530,
-17.5769, -55.8237

■ 102.0870,
-15.8189, -59.7123

■ 74.0370, -13.3292,
-64.9304

■ 56.0390, -16.2882,
-49.1462

■ 39.3290, -19.3892,

-34.4915

■ 25.8280, -12.7332,
-22.6512

■ 8.8050, -4.3409,
-7.7220

■ 215.1540,
-20.7819, -54.5091

■ 215.1540,
-20.7819, -54.5091

■ 205.3990,
-25.8327, -67.8789

■ 225.3220,
-15.4417, -40.6244

■ 195.2310,
-31.1729, -81.7636

■ 235.0770,
-10.3910, -27.2545

■ 185.4760,
-36.2237, -95.1335

■ 245.2450, -5.0508,
-13.3699

■ 175.3080,
-41.5638, -109.0181

255.0000, 0.0000,
0.0000

■ 165.2540,
-46.4672, -123.0028

■ 155.3850,
-51.9548, -136.2726

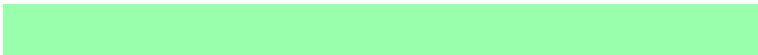
Harmonies

Analogous

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



223.5010, -43.6310, -5.7014



215.1540, -20.7819, -54.5091



193.3890, 16.0772, -116.9822

Triad

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



215.1540, -20.7819, -54.5091



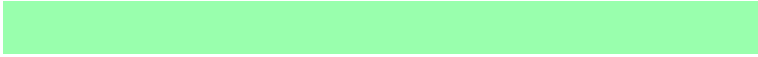
210.9130, 21.7349, -64.8217



211.4410, -12.0494, 38.2012

Complementary

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



215.1540, -20.7819, -54.5091



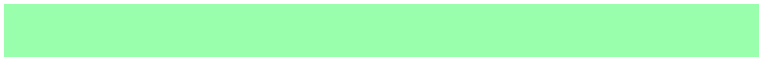
192.8460, 20.7819, 54.5091

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.



215.1350, 12.2584, 34.9616



215.1540, -20.7819, -54.5091



227.5670, 13.5245, 2.1337

Square

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



215.1540, -20.7819, -54.5091



177.5810, 38.1676, -155.7385



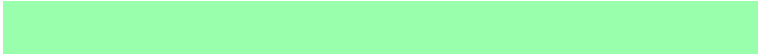
223.8890, 15.3377, 27.2843



215.4580, -34.7358, 34.6783

Rectangle

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



215.1540, -20.7819, -54.5091



178.7550, 37.5888, -156.7681



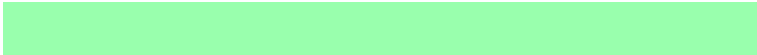
223.8890, 15.3377, 27.2843



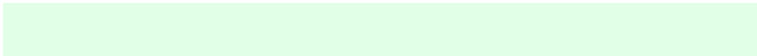
211.6180, -3.7557, 38.0460

Sweetspot

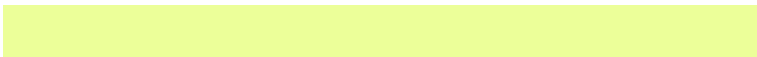
The Sweet Spot groups the original color and five complimentary colors.



215.1540, -20.7819, -54.5091



242.8810, -6.3503, -16.5586



237.6910, -41.7527, -1.4830



120.9080, -3.8986, -9.5663



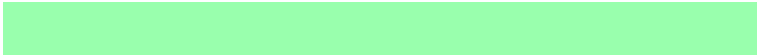
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



215.1540, -20.7819, -54.5091



207.3500, -24.8225, -65.2049



220.8540, 1.0580, -59.5080



122.8590, -2.8885, -6.8923



116.4490, -38.6754, -102.1258



39.0500, -12.8426, -34.2468

Inverse Universe

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



192.8460, 20.7819, 54.5091



180.6500, 24.8226, 65.2050



187.1460, -1.0580, 59.5080



120.0270, 2.4517, 6.9923



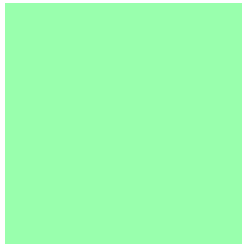
74.6650, 39.1122, 102.0258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 215.1540, -20.7819, -54.5091 looks on a white background.

Color Contrast Check

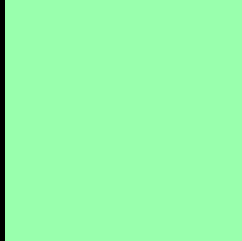
Large Text (above 18pt) WCAG AA × Fail

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 215.1540, -20.7819, -54.5091 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 215.1540, -20.7819, -54.5091 Background



This preview shows how black text looks on a background with the YUV color 215.1540, -20.7819, -54.5091.



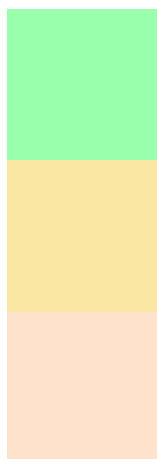
This preview shows how white text looks on a background with the YUV color 215.1540, -20.7819, -54.5091.

-54.5091.

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

215.1540, -20.7819, -54.5091

Protanopia

228.9290, -32.5030, 18.4793

Deuteranopia

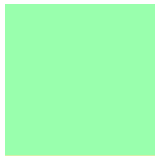
232.1630, -13.8844, 20.0280



Tritanopia

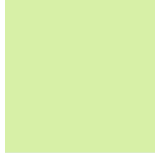
227.0590, 13.7749, -31.6237

Trichromacy



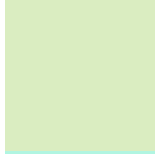
Original Color

215.1540, -20.7819, -54.5091



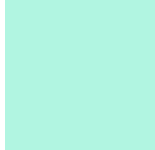
Protanomaly

224.2030, -28.2011, -8.0710



Deuteranomaly

226.3030, -16.4184, -7.2817



Tritanomaly

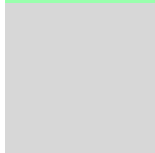
222.3880, 1.2877, -39.8053

Monochromacy



Original Color

215.1540, -20.7819, -54.5091



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.2180, -7.5025, -20.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.1540, -20.7819, -54.5091 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(153, 255, 173)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 173)  
}
```

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(153, 255, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 173) }
```

Border

The CSS property to change the border of an element to YUV 215.1540, -20.7819, -54.5091 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(153, 255, 173) }
```


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

```
.border{ border-color:rgb(153, 255, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 255, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 215.1540, -20.7819, -54.5091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 173) }
```

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

```
.background{ background-color: rgb(153,  
255, 173) }
```

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