

Converting Colors

YUV(218.6260, -33.3396,
-40.0140)

Have a look what the booklet for
YUV(218.6260, -33.3396, -40.0140)
contains.

YUV(218.6260, -33.3396, -40.0140)	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(218.6260, -33.3396,
-40.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFF97
RGB	173, 255, 151
RGB Percent	68%, 100%, 59%
CMY	0.3216, 0.0000, 0.4078
CMYK	0.32, 0.00, 0.41, 0.00
HSL	107°, 100%, 80%
HSV	107°, 41%, 100%
XYZ	58.5795, 82.6386, 42.1415
YIQ	218.6260, -15.4880, -49.7280

Conversions

Conversions Part 2

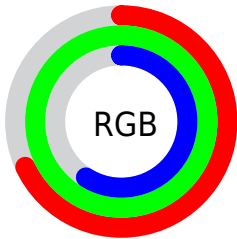
Format	Color
RYB	151, 255, 233
Decimal	11403159
CIELab	92.86, -43.70, 41.93
CIElCh	93, 60.564, 136.184
Yxy	82.6386, 0.3195, 0.4507
Android (android.graphics.Color)	4289593239 (0xFFADFF97)
YUV	218.6260, -33.3396, -40.0140
Hunter-Lab	90.9058, -44.0601, 36.1488

Details

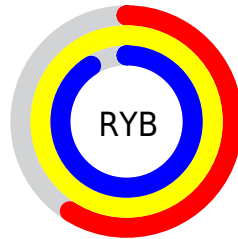
The YUV color **218.6260, -33.3396, -40.0140** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **187.3740, 33.3396, 40.0140**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.2380, -17.8653, -9.8557**, and **162.3810, -31.7398, -39.7991** is the 20% darker color. If you saturate the color by 10%, you get **209.7960, -41.3114, -49.8101**, and if you desaturate by 10%, it is **227.5700, -24.9310, -30.3179**.

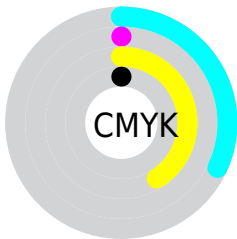
Distribution



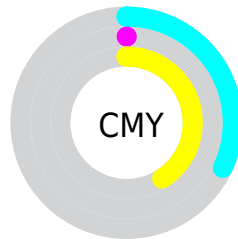
- Red (68%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.6260, -33.3396, -40.0140 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 218.6260, -33.3396, -40.0140 by changing the saturation by 10% instead.

■ 218.6260,
-33.3396, -40.0140

■ 218.6260,
-33.3396, -40.0140

255.0000, 0.0000,
0.0000

■ 190.1530,
-32.6134, -39.5992

■ 242.2380,
-17.8653, -9.8557

■ 162.3810,
-31.7398, -39.7991

■ 252.7200, -8.7360,
1.9996

■ 134.7230,
-30.4294, -40.0991

■ 107.6520,
-29.4084, -40.9138

■ 80.0430, -29.1082,
-43.8877

■ 54.0040, -26.6240,
-47.3615

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 10.5660, -5.2090,
-9.2664

■ 218.6260,
-33.3396, -40.0140

■ 218.6260,
-33.3396, -40.0140

■ 209.7960,
-41.3114, -49.8101

■ 227.5700,
-24.9310, -30.3179

■ 200.8520,
-49.7200, -59.5062

■ 236.4000,
-16.9592, -20.5218

■ 192.0220,
-57.6918, -69.3023

■ 245.3440, -8.5506,
-10.8257

■ 183.0780,
-66.1005, -78.9984

■ 254.1740, -0.5788,
-1.0296

■ 173.9490, 255.0000, 0.0000,
-73.9249, -89.4093 0.0000

■ 165.8310,
-81.7547, -98.0758

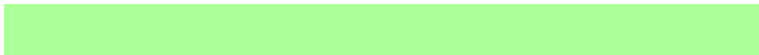
Harmonies

Analogous

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



226.4940, -52.9945, 10.9678



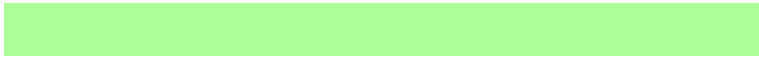
218.6260, -33.3396, -40.0140



196.9750, 3.9563, -102.5871

Triad

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



218.6260, -33.3396, -40.0140



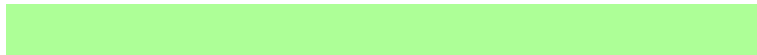
189.2970, 32.3916, -123.0405



209.3840, -2.1613, 40.0052

Complementary

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



218.6260, -33.3396, -40.0140



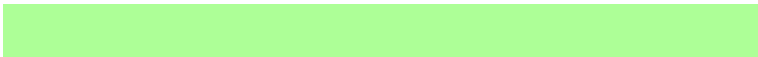
187.3740, 33.3396, 40.0140

Split Complementary

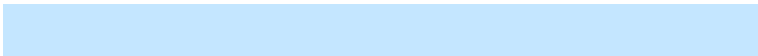
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.8450, 18.8104, 33.4619



218.6260, -33.3396, -40.0140



222.6840, 15.9318, -23.4019

Square

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



218.6260, -33.3396, -40.0140



178.7550, 37.5888, -156.7681



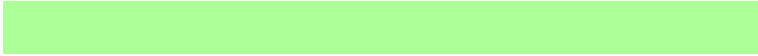
226.8240, 13.8908, 24.7104



211.6740, -28.9263, 37.9969

Rectangle

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



218.6260, -33.3396, -40.0140



177.6150, 33.2208, -155.7684



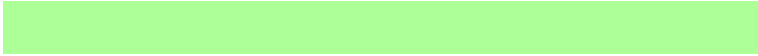
226.8240, 13.8908, 24.7104



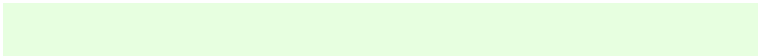
211.0770, 6.8640, 38.5205

Sweetspot

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



218.6260, -33.3396, -40.0140



244.2900, -10.0030, -11.6553



229.6430, -38.7710, 22.2381



121.4630, -5.6513, -7.4221



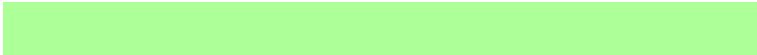
0.0000, 0.0000, 0.0000



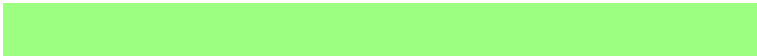
128.0000, 0.0000, 0.0000

Same Dimension

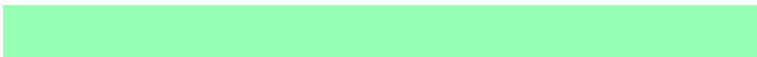
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.6260, -33.3396, -40.0140



211.1490, -40.0065, -48.3657



215.3540, -17.4295, -56.4385



123.2290, -4.0569, -5.4628



124.0770, -61.1700, -73.7355



41.4550, -20.4373, -24.9550

Inverse Universe

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



187.3740, 33.3396, 40.0140



173.8510, 40.0065, 48.3657



190.6460, 17.4295, 56.4385



119.4720, 4.2043, 4.8481



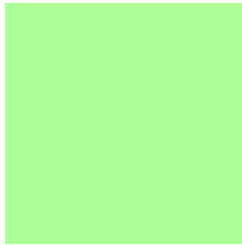
66.9230, 61.1700, 73.7355



22.2460, 20.5847, 24.3403

Previews

White Background



This preview shows how the YUV color 218.6260, -33.3396, -40.0140 looks on a white background.

Color Contrast Check

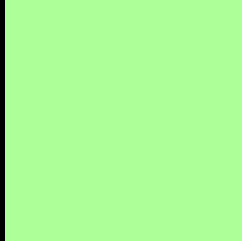
Large Text (above 18pt) WCAG AA × Fail

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 218.6260, -33.3396, -40.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

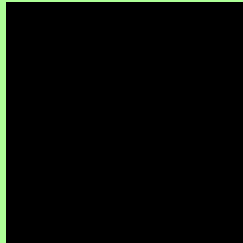
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

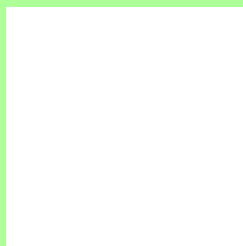
Any Text WCAG AAA ✓ Pass

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

YUV 218.6260, -33.3396, -40.0140 Background



This preview shows how black text looks on a background with the YUV color 218.6260, -33.3396, -40.0140.



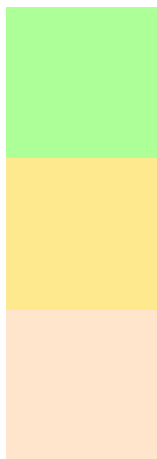
This preview shows how white text looks on a background with the YUV color 218.6260, -33.3396, -40.0140.

-40.0140.

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

218.6260, -33.3396, -40.0140

Protanopia

229.3180, -42.5548, 22.5231

Deuteranopia

233.9240, -14.7525, 18.4837



Tritanopia

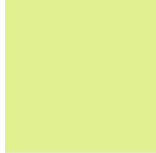
230.6470, 12.0060, -24.2464

Trichromacy



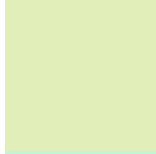
Original Color

218.6260, -33.3396, -40.0140



Protanomaly

225.3860, -39.1373, -0.3385



Deuteranomaly

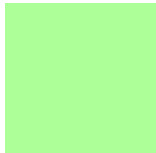
228.0710, -21.2340, -2.6933



Tritanomaly

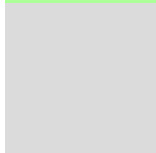
225.9610, -4.4178, -29.7838

Monochromacy



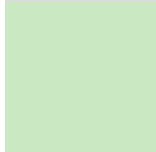
Original Color

218.6260, -33.3396, -40.0140



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.6980, -12.1761, -14.6441

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.6260, -33.3396, -40.0140 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(173, 255, 151)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 151)  
}
```

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(173, 255, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 151) }
```

Border

The CSS property to change the border of an element to YUV 218.6260, -33.3396, -40.0140 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(173, 255, 151) }
```


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

```
.border{ border-color:rgb(173, 255, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 151);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 218.6260, -33.3396, -40.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 151) }
```

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

```
.background{ background-color: rgb(173,  
255, 151) }
```

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