

Converting Colors

YUV(217.2020, -33.6236,
-42.2732)

Have a look what the booklet for
YUV(217.2020, -33.6236, -42.2732)
contains.

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Color

**YUV(217.2020, -33.6236,
-42.2732)**

Conversions

Conversions Part 1

Format	Color
Hex	A9FF95
RGB	169, 255, 149
RGB Percent	66%, 100%, 58%
CMY	0.3373, 0.0000, 0.4157
CMYK	0.34, 0.00, 0.42, 0.00
HSL	109°, 100%, 79%
HSV	109°, 42%, 100%
XYZ	57.5470, 82.1249, 41.2524
YIQ	217.2020, -17.2300, -51.1980

Conversions

Conversions Part 2

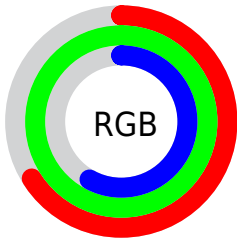
Format	Color
RYB	149, 255, 235
Decimal	11141013
CIELab	92.63, -45.24, 42.57
CIElCh	93, 62.123, 136.740
Yxy	82.1249, 0.3181, 0.4539
Android (android.graphics.Color)	4289331093 (0xFFA9FF95)
YUV	217.2020, -33.6236, -42.2732
Hunter-Lab	90.6228, -45.2394, 36.4466

Details

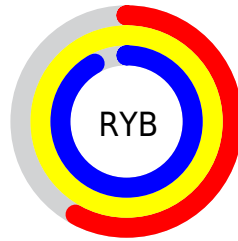
The YUV color **217.2020, -33.6236, -42.2732** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **186.7980, 33.6236, 42.2732**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.8140, -18.1493, -12.1149**, and **160.9570, -32.0238, -42.0583** is the 20% darker color. If you saturate the color by 10%, you get **208.0730, -41.4480, -52.6840**, and if you desaturate by 10%, it is **226.4450, -25.3624, -31.9623**.

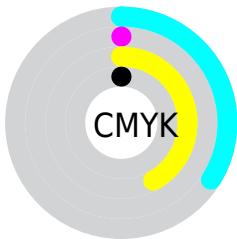
Distribution



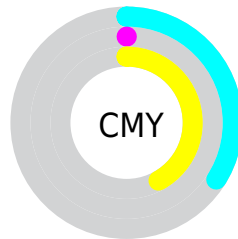
- Red (66%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (92%)



- Cyan (34%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.2020, -33.6236, -42.2732 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 217.2020, -33.6236, -42.2732 by changing the saturation by 10% instead.

■ 217.2020,
-33.6236, -42.2732

■ 217.2020,
-33.6236, -42.2732

255.0000, 0.0000,
0.0000

■ 188.7290,
-32.8974, -41.8583

■ 240.8140,
-18.1493, -12.1149

■ 160.9570,
-32.0238, -42.0583

■ 252.4920, -9.6096,
2.1995

■ 133.2990,
-30.7134, -42.3582

■ 105.9290,
-29.5450, -43.7877

■ 77.3090, -29.2393,
-48.5060

■ 54.0040, -26.6240,
-47.3615

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 9.9790, -4.9196,
-8.7516

■ 217.2020,
-33.6236, -42.2732

■ 217.2020,
-33.6236, -42.2732

■ 208.0730,
-41.4480, -52.6840

■ 226.4450,
-25.3624, -31.9623

■ 199.1290,
-49.8566, -62.3801

■ 235.2750,
-17.3906, -22.1662

■ 190.0000,
-57.6810, -72.7910

■ 244.5180, -9.1294,
-11.8553

■ 180.7570,
-65.9422, -83.1019

■ 253.6470, -1.3050,
-1.4444

■ 171.9270, 255.0000, 0.0000,
-73.9140, -92.8980 0.0000

■ 164.0370,
-80.8702, -101.7644

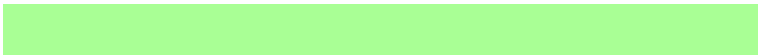
Harmonies

Analogous

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



225.4400, -54.4469, 10.1381



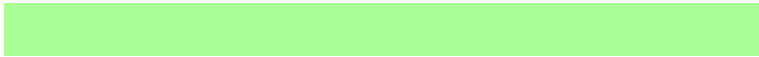
217.2020, -33.6236, -42.2732



192.9740, 5.4358, -110.4792

Triad

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



217.2020, -33.6236, -42.2732



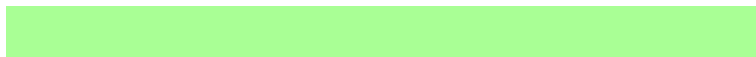
182.7190, 35.6345, -136.5656



207.9820, -2.4561, 41.2348

Complementary

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



217.2020, -33.6236, -42.2732



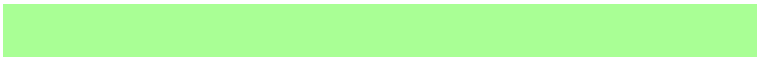
186.7980, 33.6236, 42.2732

Split Complementary

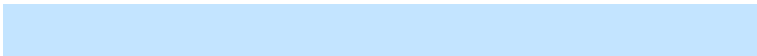
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.0840, 19.6786, 35.0063



217.2020, -33.6236, -42.2732



221.2110, 16.6580, -22.9870

Square

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



217.2020, -33.6236, -42.2732



178.7550, 37.5888, -156.7681



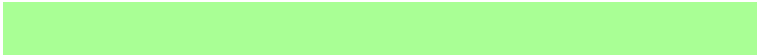
225.6500, 14.4696, 25.7400



210.6310, -30.3841, 38.9116

Rectangle

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



217.2020, -33.6236, -42.2732



177.7290, 33.6576, -155.8683



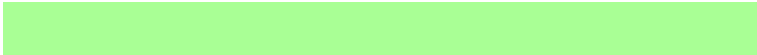
225.6500, 14.4696, 25.7400



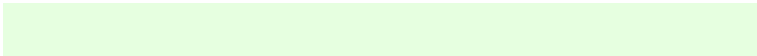
209.6750, 6.5692, 39.7500

Sweetspot

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



217.2020, -33.6236, -42.2732



243.9910, -9.8556, -12.2701



230.5890, -40.2234, 21.4084



121.4630, -5.6513, -7.4221



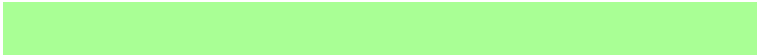
0.0000, 0.0000, 0.0000



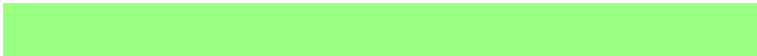
128.0000, 0.0000, 0.0000

Same Dimension

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



217.2020, -33.6236, -42.2732



209.7250, -40.2904, -50.6248



214.8700, -16.6979, -57.7680



123.2290, -4.0569, -5.4628



122.8810, -60.5803, -76.1946



41.1560, -20.2899, -25.5698

Inverse Universe

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



186.7980, 33.6236, 42.2732



173.2750, 40.2904, 50.6248



189.1300, 16.6979, 57.7680



119.4720, 4.2043, 4.8481



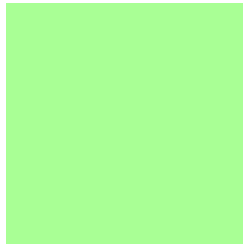
68.1190, 60.5803, 76.1946



22.8440, 20.2899, 25.5698

Previews

White Background



This preview shows how the YUV color 217.2020, -33.6236, -42.2732 looks on a white background.

Color Contrast Check

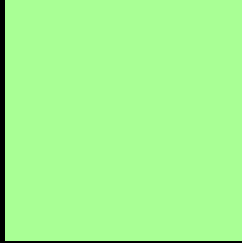
Large Text (above 18pt) WCAG AA × Fail

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 217.2020, -33.6236, -42.2732 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

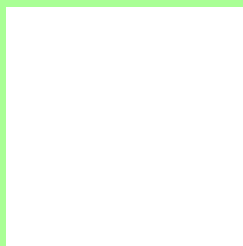
Any Text WCAG AAA ✓ Pass

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

YUV 217.2020, -33.6236, -42.2732 Background



This preview shows how black text looks on a background with the YUV color 217.2020, -33.6236, -42.2732.



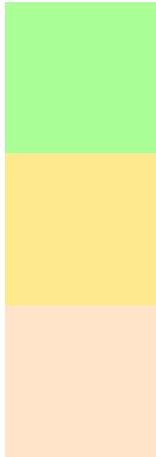
This preview shows how white text looks on a background with the YUV color 217.2020, -33.6236, -42.2732.

-42.2732.

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

217.2020, -33.6236, -42.2732

Protanopia

228.7910, -43.2810, 22.1083

Deuteranopia

233.1090, -15.3367, 19.1984



Tritanopia

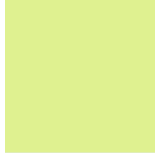
229.7500, 12.4482, -26.0907

Trichromacy



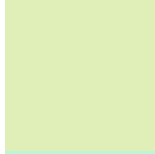
Original Color

217.2020, -33.6236, -42.2732



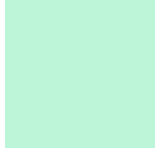
Protanomaly

224.5600, -39.7161, -1.3681



Deuteranomaly

227.5440, -21.9602, -3.1081



Tritanomaly

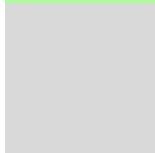
224.9500, -4.4123, -31.5281

Monochromacy



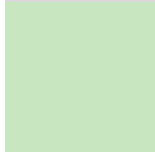
Original Color

217.2020, -33.6236, -42.2732



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.2850, -12.4655, -15.1589

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.2020, -33.6236, -42.2732 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(169, 255, 149)` looks like.

```
.text, #text, p{  
    color:rgb(169, 255, 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(169, 255, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 255, 149) }
```

Border

The CSS property to change the border of an element to YUV 217.2020, -33.6236, -42.2732 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(169, 255, 149) }
```


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

```
.border{ border-color:rgb(169, 255, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 255, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 255, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 255, 149);  
box-shadow:4px 4px 4px 4px rgb(169, 255,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 217.2020, -33.6236, -42.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 255, 149) }
```

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

```
.background{ background-color: rgb(169,  
255, 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](#).

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