

Converting Colors

YUV(214.4700, -23.4027,
-53.9092)

Have a look what the booklet for
YUV(214.4700, -23.4027, -53.9092)
contains.

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Color

**YUV(214.4700, -23.4027,
-53.9092)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFA7
RGB	153, 255, 167
RGB Percent	60%, 100%, 65%
CMY	0.4000, 0.0000, 0.3451
CMYK	0.40, 0.00, 0.35, 0.00
HSL	128°, 100%, 80%
HSV	128°, 40%, 100%
XYZ	55.8719, 81.0823, 49.2649
YIQ	214.4700, -32.5440, -48.9920

Conversions

Conversions Part 2

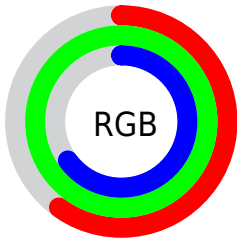
Format	Color
RYB	153, 243, 255
Decimal	10092455
CIELab	92.17, -47.40, 32.96
CIElCh	92, 57.728, 145.187
Yxy	81.0823, 0.3000, 0.4354
Android (android.graphics.Color)	4288282535 (0xFF99FFA7)
YUV	214.4700, -23.4027, -53.9092
Hunter-Lab	90.0457, -46.8236, 30.5939

Details

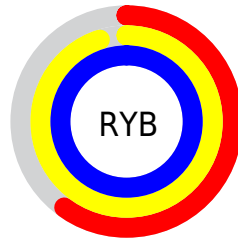
The YUV color **214.4700, -23.4027, -53.9092** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **193.5300, 23.4027, 53.9092**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.1960, -7.4916, -23.8509**, and **157.9260, -21.6555, -54.3091** is the 20% darker color. If you saturate the color by 10%, you get **204.4870, -29.3271, -67.0791**, and if you desaturate by 10%, it is **224.7520, -17.6257, -40.1245**.

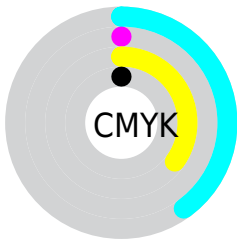
Distribution



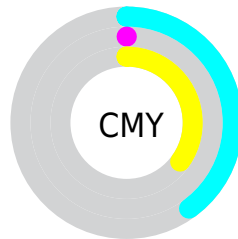
- Red (60%)
- Green (100%)
- Blue (65%)



- Red (60%)
- Yellow (95%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.4700, -23.4027, -53.9092 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 214.4700, -23.4027, -53.9092 by changing the saturation by 10% instead.

■ 214.4700,
-23.4027, -53.9092

■ 214.4700,
-23.4027, -53.9092

255.0000, 0.0000,
0.0000

■ 185.9970,
-22.6765, -53.4944

■ 238.1960, -7.4916,
-23.8509

■ 157.9260,
-21.6555, -54.3091

■ 250.1730, 0.9007,
-8.9217

■ 129.9690,
-20.1977, -55.2238

■ 101.4030,
-18.4397, -59.1124

■ 73.3530, -15.9500,
-64.3306

■ 55.2410, -19.3458,
-48.4464

■ 38.7420, -19.0998,

-33.9767

■ 25.8280, -12.7332,
-22.6512

■ 8.2180, -4.0515,
-7.2072

■ 214.4700,
-23.4027, -53.9092

■ 214.4700,
-23.4027, -53.9092

■ 204.4870,
-29.3271, -67.0791

■ 224.7520,
-17.6257, -40.1245

■ 194.2050,
-35.1041, -80.8638

■ 234.7350,
-11.7014, -26.9546

■ 184.2220,
-41.0284, -94.0337

■ 245.0170, -5.9244,
-13.1699

■ 173.9400,
-46.8054, -107.8184

255.0000, 0.0000,
0.0000

■ 163.6580,
-52.5824, -121.6031

■ 153.6750,
-58.5068, -134.7730

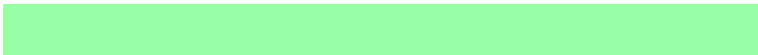
Harmonies

Analogous

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



223.1270, -46.4046, -2.7424



214.4700, -23.4027, -53.9092



189.2310, 15.6621, -123.8596

Triad

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



214.4700, -23.4027, -53.9092



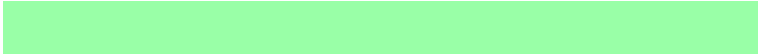
206.4170, 23.9514, -75.7877



209.7940, -10.7444, 39.6457

Complementary

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



214.4700, -23.4027, -53.9092



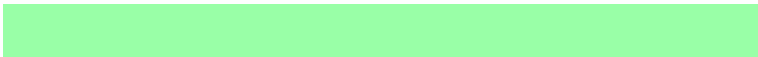
193.5300, 23.4027, 53.9092

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.



214.4170, 14.5844, 35.5913



214.4700, -23.4027, -53.9092



225.7730, 14.4089, -1.5549

Square

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



214.4700, -23.4027, -53.9092



178.1680, 37.8782, -156.2533



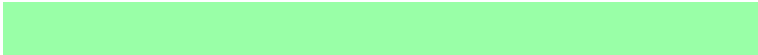
223.3020, 15.6271, 27.7991



213.4690, -34.7412, 36.4227

Rectangle

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



214.4700, -23.4027, -53.9092



178.7550, 37.5888, -156.7681



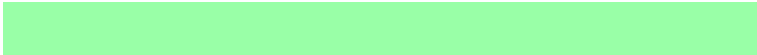
223.3020, 15.6271, 27.7991



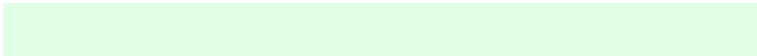
210.0850, -2.0139, 39.3905

Sweetspot

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



214.4700, -23.4027, -53.9092



242.7670, -6.7871, -16.4587



239.1860, -42.4897, 1.5909



120.7940, -4.3354, -9.4663



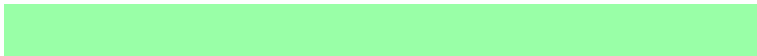
0.0000, 0.0000, 0.0000



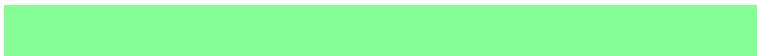
128.0000, 0.0000, 0.0000

Same Dimension

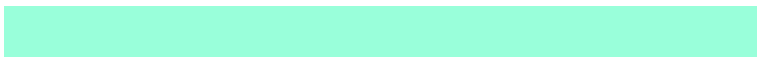
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214.4700, -23.4027, -53.9092



206.4380, -28.3169, -64.4051



220.2840, -1.1260, -59.0081



122.8590, -2.8885, -6.8923



115.0810, -43.9169, -100.9260



38.5940, -14.5898, -33.8469

Inverse Universe

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



193.5300, 23.4027, 53.9092



181.4480, 27.8801, 64.5051



187.7160, 1.1260, 59.0081



120.1410, 2.8885, 6.8923



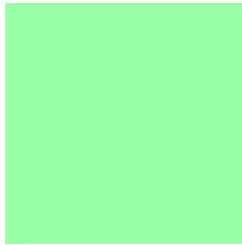
75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 214.4700, -23.4027, -53.9092 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 214.4700, -23.4027, -53.9092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

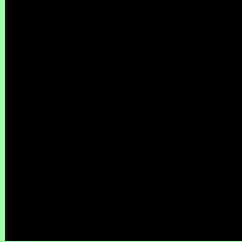
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

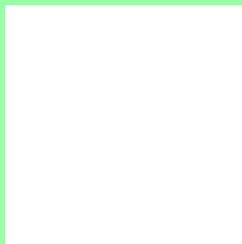
Any Text WCAG AAA ✓ Pass

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

YUV 214.4700, -23.4027, -53.9092 Background



This preview shows how black text looks on a background with the YUV color 214.4700, -23.4027, -53.9092.



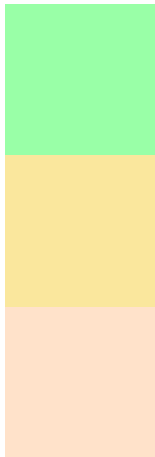
This preview shows how white text looks on a background with the YUV color 214.4700, -23.4027, -53.9092.

-53.9092.

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

214.4700, -23.4027, -53.9092

Protanopia

228.2450, -35.1238, 19.0791

Deuteranopia

231.9350, -14.7580, 20.2280



Tritanopia

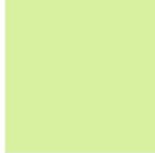
226.7600, 13.9223, -32.2385

Trichromacy



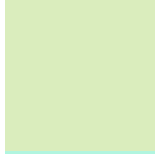
Original Color

214.4700, -23.4027, -53.9092



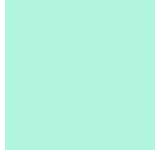
Protanomaly

223.5190, -30.8219, -7.4712



Deuteranomaly

225.8470, -18.1656, -6.8818



Tritanomaly

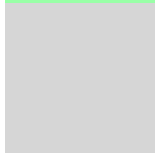
222.1600, 0.4141, -39.6053

Monochromacy



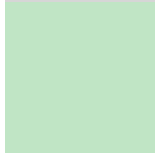
Original Color

214.4700, -23.4027, -53.9092



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.2890, -8.5235, -19.5475

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.4700, -23.4027, -53.9092 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 167) }
```

Border

The CSS property to change the border of an element to YUV 214.4700, -23.4027, -53.9092 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, 167) }
```


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

```
.border{ border-color:rgb(153, 255, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 167);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 214.4700, -23.4027, -53.9092 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, 167) }
```

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

```
.background{ background-color: rgb(153,  
255, 167) }
```

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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