

Converting Colors

YUV(213.2160, -28.2075,
-52.8094)

Have a look what the booklet for
YUV(213.2160, -28.2075, -52.8094)
contains.

YUV(213.2160, -28.2075, -52.8094)	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(213.2160, -28.2075,
-52.8094)**

Conversions

Conversions Part 1

Format	Color
Hex	99FF9C
RGB	153, 255, 156
RGB Percent	60%, 100%, 61%
CMY	0.4000, 0.0000, 0.3882
CMYK	0.40, 0.00, 0.39, 0.00
HSL	122°, 100%, 80%
HSV	122°, 40%, 100%
XYZ	54.8976, 80.6926, 44.1343
YIQ	213.2160, -29.0130, -52.4130

Conversions

Conversions Part 2

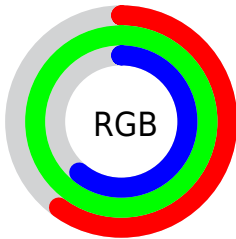
Format	Color
RYB	153, 252, 255
Decimal	10092444
CIELab	91.99, -49.10, 38.18
CIElCh	92, 62.197, 142.127
Yxy	80.6926, 0.3055, 0.4490
Android (android.graphics.Color)	4288282524 (0xFF99FF9C)
YUV	213.2160, -28.2075, -52.8094
Hunter-Lab	89.8291, -48.1134, 33.7503

Details

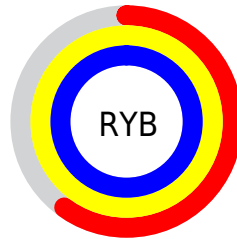
The YUV color **213.2160, -28.2075, -52.8094** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **194.7840, 28.2075, 52.8094**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8280, -12.7332, -22.6512**, and **156.6720, -26.4603, -53.2093** is the 20% darker color. If you saturate the color by 10%, you get **202.8910, -35.4423, -65.6794**, and if you desaturate by 10%, it is **223.8400, -21.1201, -39.3247**.

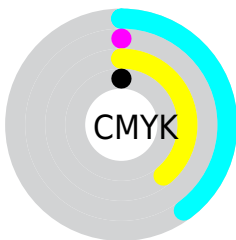
Distribution



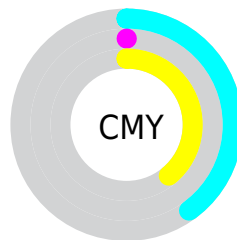
- Red (60%)
- Green (100%)
- Blue (61%)



- Red (60%)
- Yellow (99%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.2160, -28.2075, -52.8094 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 213.2160, -28.2075, -52.8094 by changing the saturation by 10% instead.

■ 213.2160,
-28.2075, -52.8094

■ 213.2160,
-28.2075, -52.8094

255.0000, 0.0000,
0.0000

■ 184.4440,
-27.3339, -53.0094

■ 236.8280,
-12.7332, -22.6512

■ 156.6720,
-26.4603, -53.2093

■ 249.1040, -4.4883,
-7.1072

■ 128.4160,
-24.8551, -54.7388

■ 99.5510, -22.9496,
-59.2422

■ 71.2840, -21.3390,
-62.5161

■ 53.4170, -26.3346,
-46.8467

■ 38.7420, -19.0998,

-33.9767

■ 26.4150, -13.0226,
-23.1660

■ 7.6310, -3.7621,
-6.6924

■ 213.2160,
-28.2075, -52.8094

■ 213.2160,
-28.2075, -52.8094

■ 202.8910,
-35.4423, -65.6794

■ 223.8400,
-21.1201, -39.3247

■ 192.2670,
-42.5296, -79.1642

■ 234.1650,
-13.8853, -26.4547

■ 182.0560,
-49.3276, -92.1341

■ 244.6750, -7.2348,
-12.8700

■ 171.4320,
-56.4150, -105.6189

255.0000, 0.0000,
0.0000

■ 160.8080,
-63.5023, -119.1036

■ 150.4830,
-70.7371, -131.9736

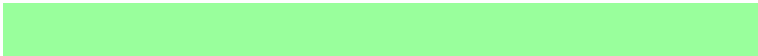
Harmonies

Analogous

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



222.3680, -51.9464, 1.4313



213.2160, -28.2075, -52.8094



176.4730, 18.5008, -147.7508

Triad

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



213.2160, -28.2075, -52.8094



195.3320, 29.4163, -102.0232



206.5000, -8.1345, 42.5345

Complementary

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



213.2160, -28.2075, -52.8094



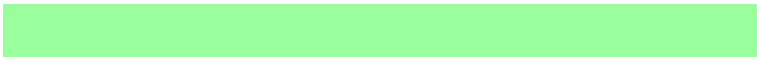
194.7840, 28.2075, 52.8094

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.



212.1660, 18.6522, 37.5654



213.2160, -28.2075, -52.8094



223.3590, 15.5990, -9.9618

Square

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



213.2160, -28.2075, -52.8094



178.7550, 37.5888, -156.7681



222.1280, 16.2059, 28.8287



210.1920, -34.6047, 39.2966

Rectangle

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



213.2160, -28.2075, -52.8094



178.7550, 37.5888, -156.7681



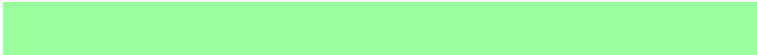
222.1280, 16.2059, 28.8287



207.0190, 1.4696, 42.0793

Sweetspot

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



213.2160, -28.2075, -52.8094



242.3110, -8.5343, -16.0587



242.7740, -44.2586, 8.9682



120.5660, -5.2090, -9.2664



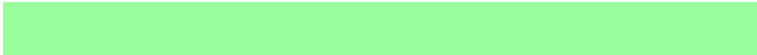
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

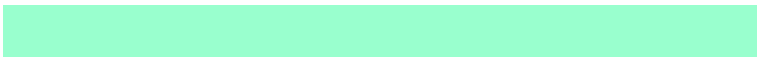
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.2160, -28.2075, -52.8094



204.9560, -33.9953, -63.1054



218.9160, -6.3676, -57.8083



122.6310, -3.7621, -6.6924



112.8010, -52.6529, -98.9265



37.7960, -17.6474, -33.1471

Inverse Universe

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



194.7840, 28.2075, 52.8094



182.9300, 33.5585, 63.2054



189.0840, 6.3676, 57.8083



120.2550, 3.3253, 6.7924



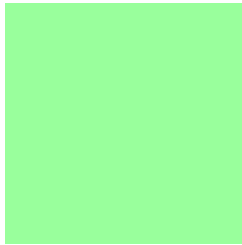
78.3130, 53.0897, 98.8265



26.2040, 17.6474, 33.1471

Previews

White Background



This preview shows how the YUV color 213.2160, -28.2075, -52.8094 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 213.2160, -28.2075, -52.8094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

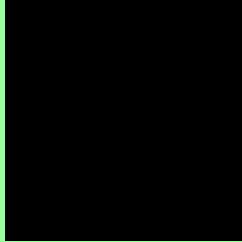
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

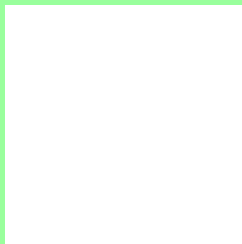
Any Text WCAG AAA ✓ Pass

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

YUV 213.2160, -28.2075, -52.8094 Background



This preview shows how black text looks on a background with the YUV color 213.2160, -28.2075, -52.8094.



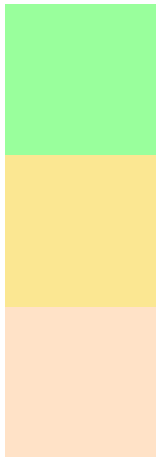
This preview shows how white text looks on a background with the YUV color 213.2160, -28.2075, -52.8094.

-52.8094.

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

213.2160, -28.2075, -52.8094

Protanopia

227.2900, -40.0760, 20.7937

Deuteranopia

231.5930, -16.0683, 20.5279



Tritanopia

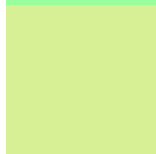
226.4610, 14.0697, -32.8533

Trichromacy



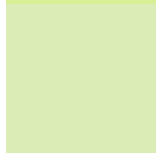
Original Color

213.2160, -28.2075, -52.8094



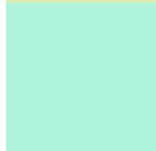
Protanomaly

222.2650, -35.6266, -6.3714



Deuteranomaly

225.1630, -20.7864, -6.2820



Tritanomaly

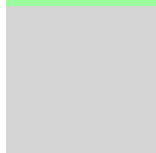
221.4050, -1.1857, -39.8202

Monochromacy



Original Color

213.2160, -28.2075, -52.8094



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.8330, -10.2707, -19.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.2160, -28.2075, -52.8094 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 156) }
```

Border

The CSS property to change the border of an element to YUV 213.2160, -28.2075, -52.8094 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, 156) }
```


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

```
.border{ border-color:rgb(153, 255, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 156);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 213.2160, -28.2075, -52.8094 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, 156) }
```

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

```
.background{ background-color: rgb(153,  
255, 156) }
```

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