

Converting Colors

YUV(212.9670, -10.3367,
-44.6981)

Have a look what the booklet for
YUV(212.9670, -10.3367, -44.6981)
contains.

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Color

**YUV(212.9670, -10.3367,
-44.6981)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F3C0
RGB	162, 243, 192
RGB Percent	64%, 95%, 75%
CMY	0.3647, 0.0471, 0.2471
CMYK	0.33, 0.00, 0.21, 0.05
HSL	142°, 77%, 79%
HSV	142°, 33%, 95%
XYZ	56.4653, 75.5883, 61.4831
YIQ	212.9670, -31.9050, -33.0330

Conversions

Conversions Part 2

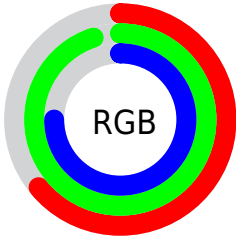
Format	Color
RYB	162, 221, 243
Decimal	10679232
CIELab	89.67, -35.14, 16.88
CIELCh	90, 38.984, 154.346
Yxy	75.5883, 0.2918, 0.3906
Android (android.graphics.Color)	4288869312 (0xFFA2F3C0)
YUV	212.9670, -10.3367, -44.6981
Hunter-Lab	86.9416, -36.2186, 18.9305

Details

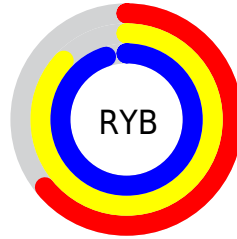
The YUV color **212.9670, -10.3367, -44.6981** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **192.0330, 10.3367, 44.6981**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.4380, 2.2491, -21.4321**, and **156.9070, -9.3212, -43.7684** is the 20% darker color. If you saturate the color by 10%, you get **204.0810, -13.3509, -57.9530**, and if you desaturate by 10%, it is **221.8530, -7.3225, -31.4431**.

Distribution



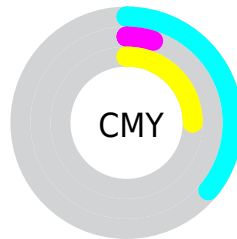
- Red (64%)
- Green (95%)
- Blue (75%)



- Red (64%)
- Yellow (87%)
- Blue (95%)



- Cyan (33%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (36%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9670, -10.3367, -44.6981 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 212.9670, -10.3367, -44.6981 by changing the saturation by 10% instead.

■ 212.9670,
-10.3367, -44.6981

■ 212.9670,
-10.3367, -44.6981

255.0000, 0.0000,
0.0000

■ 184.4940, -9.6105,
-44.2832

■ 243.4380, 2.2491,
-21.4321

■ 156.9070, -9.3212,
-43.7684

■ 252.9070, 1.0318,
-4.3034

■ 130.1350, -8.4476,
-43.9684

■ 103.9500, -7.8633,
-44.6831

■ 76.7970, -5.8159,
-48.0570

■ 52.9220, -5.3845,
-46.4126

■ 36.4400, -7.6119,

-31.9579

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 212.9670,
-10.3367, -44.6981

■ 212.9670,
-10.3367, -44.6981

■ 204.0810,
-13.3509, -57.9530

■ 221.8530, -7.3225,
-31.4431

■ 194.7820,
-16.6545, -71.7228

■ 231.1520, -4.0189,
-17.6733

■ 185.8960,
-19.6687, -84.9778

■ 240.0380, -1.0047,
-4.4183

■ 177.0100,
-22.6829, -98.2328

■ 247.7280, 2.5991,
6.3775

■ 168.1240,
-25.6971, -111.4877

■ 247.9560, 3.4727,
6.1776

■ 158.8250,
-29.0007, -125.2575

■ 152.9010,
-31.0102, -134.0942

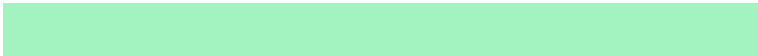
Harmonies

Analogous

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



218.7080, -27.4640, -11.1449



212.9670, -10.3367, -44.6981



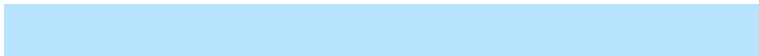
206.5020, 11.5845, -75.8623

Triad

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



212.9670, -10.3367, -44.6981



217.3350, 18.5688, -29.2348



215.3220, -14.9487, 34.7976

Complementary

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



212.9670, -10.3367, -44.6981



192.0330, 10.3367, 44.6981

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.



217.0780, 1.9335, 33.2576



212.9670, -10.3367, -44.6981



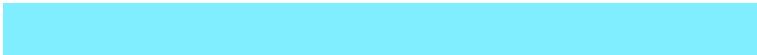
225.8500, 14.3710, 10.6556

Square

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



212.9670, -10.3367, -44.6981



207.3470, 23.4929, -68.7103



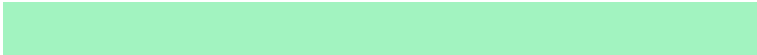
223.8890, 15.3377, 27.2843



218.8150, -29.4888, 31.7342

Rectangle

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



212.9670, -10.3367, -44.6981



203.3830, 25.4472, -88.9129



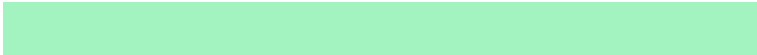
223.8890, 15.3377, 27.2843



215.5160, -9.1284, 34.6275

Sweetspot

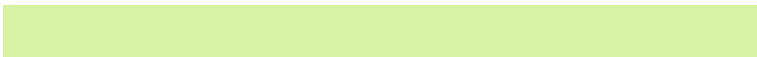
The Sweet Spot groups the original color and five complimentary colors.



212.9670, -10.3367, -44.6981



245.7010, -3.3036, -13.7698



224.7960, -30.9584, -10.3451



122.0760, -2.0095, -8.8367



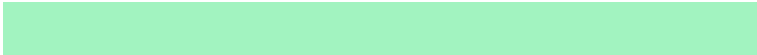
0.0000, 0.0000, 0.0000



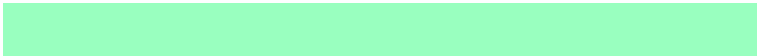
128.0000, 0.0000, 0.0000

Same Dimension

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



212.9670, -10.3367, -44.6981



217.2060, -12.9196, -56.3087



217.5270, 7.1352, -48.6972



117.6140, -1.2887, -6.6775



117.0480, -23.6877, -102.6511



37.1410, -7.4645, -32.5727

Inverse Universe

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



192.0330, 10.3367, 44.6981



190.7940, 12.9196, 56.3087



187.4730, -7.1352, 48.6972



114.5000, 1.7255, 6.5775



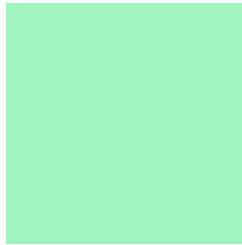
68.9520, 23.6877, 102.6511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 212.9670, -10.3367, -44.6981 looks on a white background.

Color Contrast Check

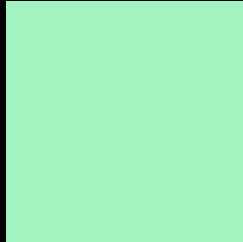
Large Text (above 18pt) WCAG AA × Fail

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 212.9670, -10.3367, -44.6981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

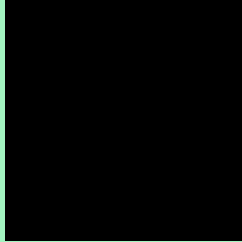
Any Text WCAG AA ✓ Pass

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 212.9670, -10.3367, -44.6981 Background



This preview shows how black text looks on a background with the YUV color 212.9670, -10.3367, -44.6981.



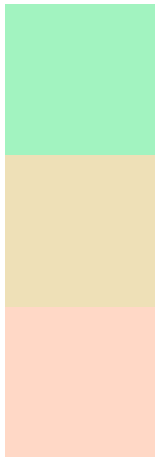
This preview shows how white text looks on a background with the YUV color 212.9670, -10.3367, -44.6981.

-44.6981.

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

212.9670, -10.3367, -44.6981

Protanopia

223.5120, -19.9724, 12.7060

Deuteranopia

225.6090, -13.6112, 25.7759



Tritanopia

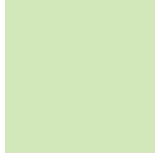
219.1120, 16.7068, -38.6862

Trichromacy



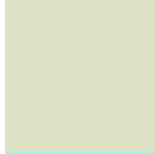
Original Color

212.9670, -10.3367, -44.6981



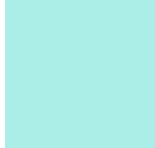
Protanomaly

219.5910, -16.5604, -8.4113



Deuteranomaly

221.0850, -12.3669, -0.0745



Tritanomaly

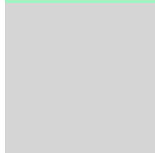
216.8700, 6.9661, -41.1050

Monochromacy



Original Color

212.9670, -10.3367, -44.6981



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.8640, -3.8770, -16.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9670, -10.3367, -44.6981 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(162, 243, 192)` looks like.

```
.text, #text, p{  
    color:rgb(162, 243, 192)  
}
```

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(162, 243, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 243, 192) }
```

Border

The CSS property to change the border of an element to YUV 212.9670, -10.3367, -44.6981 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(162, 243, 192) }
```


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

```
.border{ border-color:rgb(162, 243, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 243, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 243, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 243, 192);  
box-shadow:4px 4px 4px 4px rgb(162, 243,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 212.9670, -10.3367, -44.6981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 243, 192) }
```

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

```
.background{ background-color: rgb(162,  
243, 192) }
```

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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