

# Converting Colors

YUV(214.7330, 8.0196,  
-52.3858)

Have a look what the booklet for  
YUV(214.7330, 8.0196, -52.3858)  
contains.

<b>YUV(214.7330, 8.0196, -52.3858)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(214.7330, 8.0196,  
-52.3858)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BF2E7
RGB	155, 242, 231
RGB Percent	61%, 95%, 91%
CMY	0.3922, 0.0510, 0.0941
CMYK	0.36, 0.00, 0.05, 0.05
HSL	172°, 77%, 78%
HSV	172°, 36%, 95%
XYZ	59.6935, 76.2423, 87.1714
YIQ	214.7330, -48.3210, -21.8650

# Conversions

## Conversions Part 2

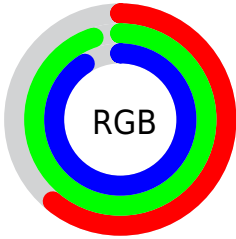
Format	Color
R <sub>Y</sub> B	155, 201, 242
Decimal	10220263
CIE Lab	89.97, -28.59, -3.00
CIE LCh	90, 28.745, 185.990
Yxy	76.2423, 0.2676, 0.3417
Android (android.graphics.Color)	4288410343 (0xFF9BF2E7)
YUV	214.7330, 8.0196, -52.3858
Hunter-Lab	87.3169, -30.7744, 1.9306

# Details

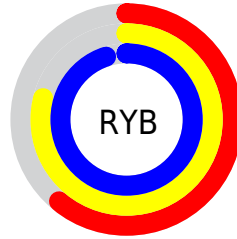
The YUV color **214.7330, 8.0196, -52.3858** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **182.2670, -8.0196, 52.3858**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, 6.3385, -26.4354**, and **158.8470, 8.4564, -52.4858** is the 20% darker color. If you saturate the color by 10%, you get **207.2150, 10.2470, -66.8406**, and if you desaturate by 10%, it is **222.2510, 5.7923, -37.9311**.

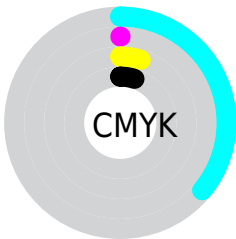
# Distribution



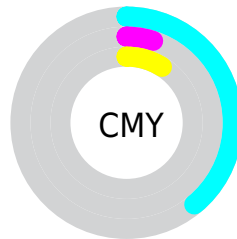
- Red (61%)
- Green (95%)
- Blue (91%)



- Red (61%)
- Yellow (79%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (39%)
- Magenta (5%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 214.7330, 8.0196, -52.3858 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 214.7330, 8.0196, -52.3858 by changing the saturation by 10% instead.



214.7330, 8.0196,  
-52.3858

214.7330, 8.0196,  
-52.3858

255.0000, 0.0000,  
0.0000

186.1460, 8.3090,  
-51.8710

242.1430, 6.3385,  
-26.4354

158.8470, 8.4564,  
-52.4858

251.1130, 1.9163,  
-7.9921

130.9610, 8.8932,  
-52.5858

103.4660, 9.6303,  
-55.6597

73.3940, 12.1308,  
-64.3665

56.6840, 9.0298,  
-49.7119

39.9740, 5.9288,

-35.0572

■ 25.2530, 2.8333,  
-22.1469

■ 0.7980, 3.0576,  
-0.6998

■ 214.7330, 8.0196,  
-52.3858

■ 214.7330, 8.0196,  
-52.3858

■ 207.2150, 10.2470,  
-66.8406

■ 222.2510, 5.7923,  
-37.9311

■ 199.6970, 12.4744,  
-81.2953

■ 229.7690, 3.5649,  
-23.4764

■ 191.8800, 14.8492,  
-96.3648

■ 237.5860, 1.1901,  
-8.4069

■ 184.3620, 17.0765,  
-110.8195

■ 245.1040, -1.0373,  
6.0478

■ 176.8440, 19.3039,  
-125.2742

■ 246.3430, -0.1691,  
7.5922

■ 169.3260, 21.5313,  
-139.7289

■ 246.6850, 1.1413,  
7.2923

■ 166.1080, 22.1318,  
-145.6767

■ 247.0270, 2.4517,  
6.9923

■ 247.3690, 3.7621,  
6.6924

# Harmonies

## Analogous

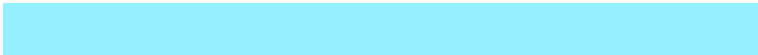
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.8420, -7.3171, -33.1874



214.7330, 8.0196, -52.3858



214.2020, 20.1134, -58.0592

# Triad

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



214.7330, 8.0196, -52.3858



227.6110, 13.5028, 9.1112



223.8020, -23.0734, 27.3606

# Complementary

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



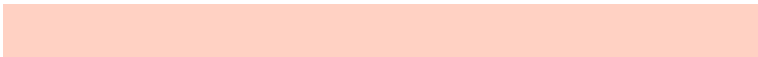
214.7330, 8.0196, -52.3858



182.2670, -8.0196, 52.3858

# 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.



221.1580, -12.8959, 29.6794



214.7330, 8.0196, -52.3858



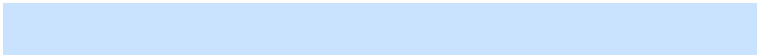
227.9010, 10.4018, 23.7658

# Square

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



214.7330, 8.0196, -52.3858



222.4180, 16.0629, -18.7836



222.4750, -0.2342, 28.5244



224.3290, -25.7982, 14.6205

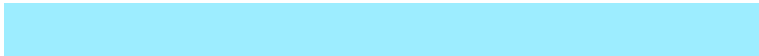


# Rectangle

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



214.7330, 8.0196, -52.3858



215.1320, 19.6549, -50.9818



222.4750, -0.2342, 28.5244



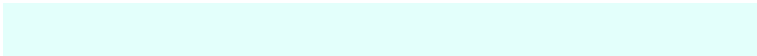
222.6110, -20.0212, 28.4052

# Sweetspot

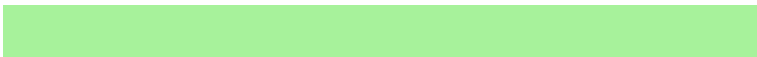
The Sweet Spot groups the original color and five complimentary colors.



214.7330, 8.0196, -52.3858



246.1720, 2.3802, -16.8138



209.6570, -26.9459, -37.4102



122.5750, 1.1955, -10.1513



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

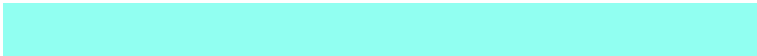


# Same Dimension

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



214.7330, 8.0196, -52.3858



220.5140, 10.0996, -66.2258



197.2030, 22.0849, -37.0120



116.1840, 0.8953, -7.1774



126.2480, 16.6397, -110.7195



38.4580, 5.1972, -33.7277



# Inverse Universe

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



182.2670, -8.0196, 52.3858



179.4860, -10.0996, 66.2258



199.7970, -22.0849, 37.0120



111.7020, -1.3321, 7.2773



57.6380, -17.0765, 110.8195

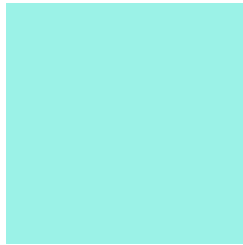


17.5420, -5.1972, 33.7277



# Previews

## White Background



This preview shows how the YUV color 214.7330, 8.0196, -52.3858 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

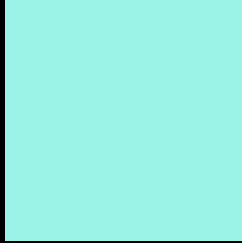
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 214.7330, 8.0196, -52.3858 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

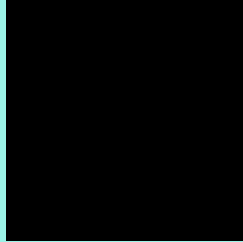
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 214.7330, 8.0196, -52.3858

## Background



This preview shows how black text looks on a background with the YUV color 214.7330, 8.0196, -52.3858.



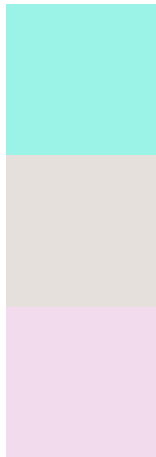
This preview shows how white text looks on a background with the YUV color 214.7330, 8.0196, -52.3858.

-52.3858.

# 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

214.7330, 8.0196, -52.3858

### Protanopia

225.4520, -2.1948, 3.9886

### Deuteranopia

227.8150, 4.0352, 12.4402



## Tritanopia

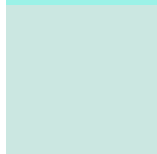
218.1220, 18.1809, -44.8340

# Trichromacy



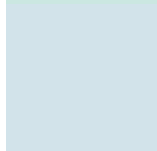
## Original Color

214.7330, 8.0196, -52.3858



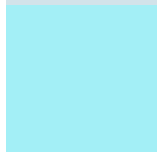
## Protanomaly

221.9440, 1.5066, -16.6139



## Deuteranomaly

222.7150, 5.5635, -11.1511



## Tritanomaly

217.0740, 14.2605, -47.4229

# Monochromacy



## Original Color

214.7330, 8.0196, -52.3858



## Achromatopsia

215.0000, 0.0000, 0.0000



## Achromatomaly

214.9760, 2.9698, -19.2730

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.7330, 8.0196, -52.3858 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(155, 242, 231)` looks like.

```
.text, #text, p{  
    color:rgb(155, 242, 231)  
}
```

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(155, 242, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 242, 231) }
```

## Border

The CSS property to change the border of an element to YUV 214.7330, 8.0196, -52.3858 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(155, 242, 231) }
```



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

```
.border{ border-color:rgb(155, 242, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 242, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 242, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 242, 231);  
box-shadow:4px 4px 4px 4px rgb(155, 242,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 214.7330, 8.0196, -52.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 242, 231) }
```

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

```
.background{ background-color: rgb(155,  
242, 231) }
```

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