

# Converting Colors

YUV(214.6670, 11.5032,  
-49.6970)

Have a look what the booklet for  
YUV(214.6670, 11.5032, -49.6970)  
contains.

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# Color

**YUV(214.6670, 11.5032,  
-49.6970)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EEFEE
RGB	158, 239, 238
RGB Percent	62%, 94%, 93%
CMY	0.3804, 0.0627, 0.0667
CMYK	0.34, 0.00, 0.00, 0.06
HSL	179°, 72%, 78%
HSV	179°, 34%, 94%
XYZ	60.3997, 75.1752, 92.2158
YIQ	214.6670, -47.9550, -17.4830

# Conversions

## Conversions Part 2

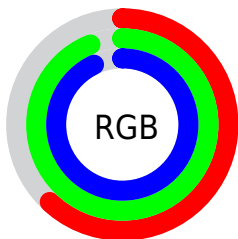
Format	Color
R <sub>Y</sub> B	158, 199, 239
Decimal	10416110
CIE Lab	89.47, -24.77, -7.37
CIE LCh	89, 25.839, 196.576
Yxy	75.1752, 0.2652, 0.3300
Android (android.graphics.Color)	4288606190 (0xFF9EEFEE)
YUV	214.6670, 11.5032, -49.6970
Hunter-Lab	86.7036, -27.3842, -2.3668

# Details

The YUV color **214.6670, 11.5032, -49.6970** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **182.3330, -11.5032, 49.6970**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, 5.8963, -24.5911**, and **158.6670, 11.5032, -49.6970** is the 20% darker color. If you saturate the color by 10%, you get **207.4910, 15.0409, -64.4516**, and if you desaturate by 10%, it is **221.8430, 7.9654, -34.9423**.

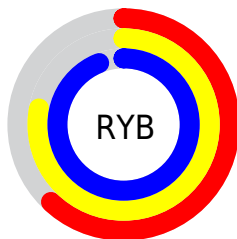
# Distribution



Red (62%)

Green (94%)

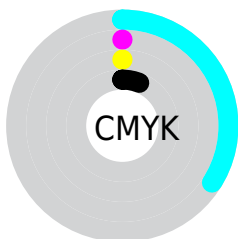
Blue (93%)



Red (62%)

Yellow (78%)

Blue (94%)

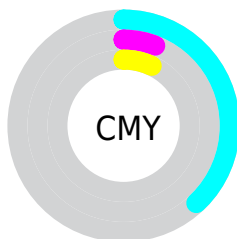


Cyan (34%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (38%)

Magenta (6%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 214.6670, 11.5032, -49.6970 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 214.6670, 11.5032, -49.6970 by changing the saturation by 10% instead.



214.6670, 11.5032,  
-49.6970

214.6670, 11.5032,  
-49.6970

255.0000, 0.0000,  
0.0000

186.6670, 11.5032,  
-49.6970

243.0400, 5.8963,  
-24.5911

158.6670, 11.5032,  
-49.6970

252.0100, 1.4741,  
-6.1478

131.3680, 11.6506,  
-50.3117

104.4710, 12.0928,  
-52.1561

73.2030, 15.1829,  
-63.3220

56.0800, 11.7926,  
-49.1822

39.3700, 8.6916,

-34.5275

■ 24.6490, 5.5960,  
-21.6172

■ 2.2970, 6.2626,  
-2.0145

■ 214.6670, 11.5032,  
-49.6970

■ 214.6670, 11.5032,  
-49.6970

■ 207.4910, 15.0409,  
-64.4516

■ 221.8430, 7.9654,  
-34.9423

■ 200.2010, 18.1419,  
-79.1063

■ 229.1330, 4.8644,  
-20.2876

■ 193.0250, 21.6797,  
-93.8609

■ 236.3090, 1.3267,  
-5.5330

■ 185.8490, 25.2174,  
-108.6156

■ 243.4850, -2.2111,  
9.2217

■ 178.9720, 28.6078,  
-122.7554

■ 243.7840, -2.3585,  
9.8364

■ 171.6820, 31.7088,  
-137.4101

■ 243.8980, -1.9217,  
9.7365

■ 167.1970, 33.9199,  
-146.6318

■ 244.0120, -1.4849,  
9.6365

# Harmonies

## Analogous

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



216.3130, -1.6333, -36.2315



214.6670, 11.5032, -49.6970



215.4420, 19.5021, -48.6226

# Triad

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



214.6670, 11.5032, -49.6970



228.2420, 13.1917, 15.5738



224.6770, -23.5048, 25.7163

# Complementary

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



214.6670, 11.5032, -49.6970



182.3330, -11.5032, 49.6970

# 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.



222.3490, -15.9481, 28.6349



214.6670, 11.5032, -49.6970



225.3590, 5.7390, 25.9952

# Square

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



214.6670, 11.5032, -49.6970



223.3700, 15.5936, -8.2175



222.5090, -5.1809, 28.4946



222.4850, -22.4241, 5.7137

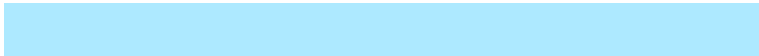


# Rectangle

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



214.6670, 11.5032, -49.6970



217.5680, 18.4540, -39.0861



222.5090, -5.1809, 28.4946



224.1440, -21.7630, 27.0607

# Sweetspot

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



214.6670, 11.5032, -49.6970



247.5250, 3.6852, -15.3694



205.8460, -23.5881, -41.0839



123.1020, 1.9217, -9.7365



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.



214.6670, 11.5032, -49.6970



223.4910, 15.0409, -64.4516



191.8880, 23.2262, -29.7198



116.4120, 1.7689, -7.3773



128.6420, 25.8125, -112.8190



39.1420, 7.8180, -34.3275



# Inverse Universe

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



182.3330, -11.5032, 49.6970



181.6230, -14.6041, 64.3516



205.1120, -23.2262, 29.7198



111.5880, -1.7689, 7.3773



55.2440, -26.2493, 112.9190

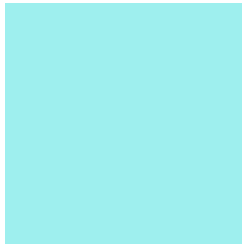


16.8580, -7.8180, 34.3275



# Previews

## White Background



This preview shows how the YUV color 214.6670, 11.5032, -49.6970 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

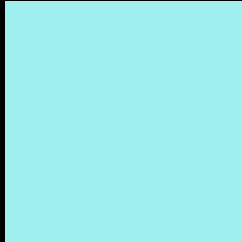
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 214.6670, 11.5032, -49.6970 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

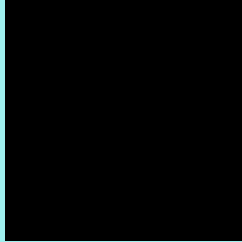
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 214.6670, 11.5032, -49.6970

## Background



This preview shows how black text looks on a background with the YUV color 214.6670, 11.5032, -49.6970.



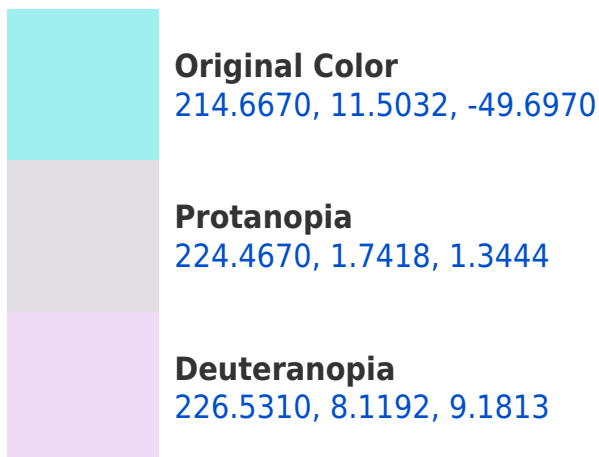
This preview shows how white text looks on a background with the YUV color 214.6670, 11.5032, -49.6970.

-49.6970.

# 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





## Tritanopia

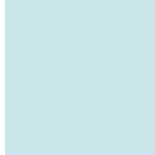
216.3390, 19.0599, -46.7783

# Trichromacy



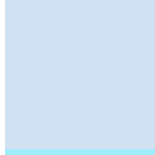
## Original Color

214.6670, 11.5032, -49.6970



## Protanomaly

220.9700, 5.4378, -17.5137



## Deuteranomaly

222.3280, 9.2053, -12.5657



## Tritanomaly

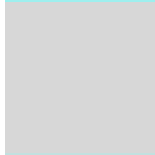
215.6440, 16.4445, -47.9228

# Monochromacy



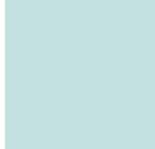
## Original Color

214.6670, 11.5032, -49.6970



## Achromatopsia

215.0000, 0.0000, 0.0000



## Achromatomaly

214.9160, 3.9854, -18.3433

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.6670, 11.5032, -49.6970 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(158, 239, 238)` looks like.

```
.text, #text, p{  
    color:rgb(158, 239, 238)  
}
```

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(158, 239, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 239, 238) }
```

## Border

The CSS property to change the border of an element to YUV 214.6670, 11.5032, -49.6970 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(158, 239, 238) }
```



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

```
.border{ border-color:rgb(158, 239, 238) }
```

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

Here you see how a box with a 4 pixel rgb(158, 239, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 239, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 239, 238);  
box-shadow:4px 4px 4px 4px rgb(158, 239,  
238) }
```

# Background

The CSS property to change the background color of an element to YUV 214.6670, 11.5032, -49.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 239, 238) }
```

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

```
.background{ background-color: rgb(158,  
239, 238) }
```

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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