

# Converting Colors

YUV(213.7030, -3.3046,  
-60.2525)

Have a look what the booklet for  
YUV(213.7030, -3.3046, -60.2525)  
contains.

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# Color

**YUV(213.7030, -3.3046,  
-60.2525)**

# Conversions

Conversions Part 1	
Format	Color
Hex	91FACF
RGB	145, 250, 207
RGB Percent	57%, 98%, 81%
CMY	0.4314, 0.0196, 0.1882
CMYK	0.42, 0.00, 0.17, 0.02
HSL	155°, 91%, 77%
HSV	155°, 42%, 98%
XYZ	57.1251, 78.8960, 71.2491
YIQ	213.7030, -48.7770, -35.6330

# Conversions

## Conversions Part 2

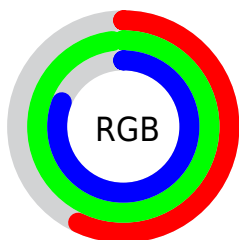
Format	Color
<a href="#">RYB</a>	<a href="#">145, 211, 250</a>
Decimal	<a href="#">9566927</a>
CIELab	<a href="#">91.19, -40.06, 11.17</a>
CIELCh	<a href="#">91, 41.587, 164.418</a>
Yxy	<a href="#">78.8960, 0.2756, 0.3806</a>
Android (android.graphics.Color)	<a href="#">4287757007</a> (0xFF91FACF)
YUV	<a href="#">213.7030, -3.3046, -60.2525</a>
Hunter-Lab	<a href="#">88.8234, -40.6419, 14.6173</a>

# Details

The YUV color **213.7030, -3.3046, -60.2525** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **181.2970, 3.3046, 60.2525**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4520, 7.6652, -31.9684**, and **157.0450, -1.9942, -60.5525** is the 20% darker color. If you saturate the color by 10%, you get **205.0880, -3.9874, -74.6222**, and if you desaturate by 10%, it is **222.3180, -2.6218, -45.8829**.

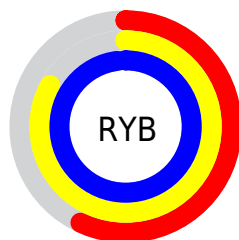
# Distribution



Red (57%)

Green (98%)

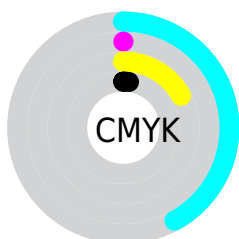
Blue (81%)



Red (57%)

Yellow (83%)

Blue (98%)

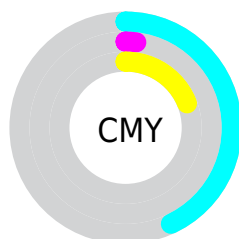


Cyan (42%)

Magenta (0%)

Yellow (17%)

Black (2%)



Cyan (43%)

Magenta (2%)

Yellow (19%)


# Brightness & Saturation


## Gradients

These gradients show how the YUV color 213.7030, -3.3046, -60.2525 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 213.7030, -3.3046, -60.2525 by changing the saturation by 10% instead.



 213.7030, -3.3046,  
-60.2525


 213.7030, -3.3046,  
-60.2525

255.0000, 0.0000,  
0.0000


 184.8170, -2.8678,  
-60.3525


 239.4520, 7.6652,  
-31.9684


 157.0450, -1.9942,  
-60.5525

 248.1230, 3.3904,  
-14.1399

 128.6750, -0.8258,  
-61.9820


 98.9020, 1.5273,  
-70.0741


 75.2230, 1.3691,  
-65.9706


 57.3390, -1.1531,  
-50.2863


 40.7430, -3.8173,


-35.7316


 25.3210, -7.0603,  
-22.2065

 4.6960, -2.3151,  
-4.1184

 213.7030, -3.3046,  
-60.2525


 213.7030, -3.3046,  
-60.2525


 205.0880, -3.9874,  
-74.6222


 222.3180, -2.6218,  
-45.8829

 196.4730, -4.6702,  
-88.9918

 230.9330, -1.9390,  
-31.5132


 187.7440, -5.7898,  
-103.2615

 239.6620, -0.8194,  
-17.2436

 179.1290, -6.4726,  
-117.6311

 248.2770, -0.1366,  
-2.8739

 170.5140, -7.1554,  
-132.0008

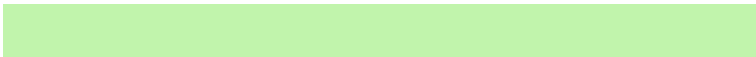
 252.0650, 1.4470,  
2.5740

 163.6220, -7.7016,  
-143.4965

# Harmonies

## Analogous

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



220.5430, -23.9317, -24.1552



213.7030, -3.3046, -60.2525



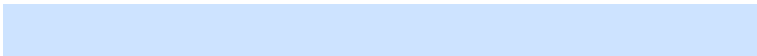
206.3950, 20.5113, -92.4314

# Triad

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



213.7030, -3.3046, -60.2525



223.6140, 15.4733, -16.3245



217.8180, -20.6163, 32.6086

# Complementary

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



213.7030, -3.3046, -60.2525



181.2970, 3.3046, 60.2525

# 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.



217.8130, -2.8658, 32.6130



213.7030, -3.3046, -60.2525



230.3460, 12.1544, 21.6216

# Square

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



213.7030, -3.3046, -60.2525



212.7070, 20.8504, -61.1330



223.5470, 14.0273, 27.5843

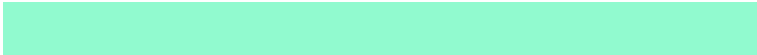


222.8270, -34.4247, 28.2157



# Rectangle

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



213.7030, -3.3046, -60.2525



202.7300, 25.7691, -98.8642



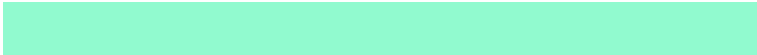
223.5470, 14.0273, 27.5843



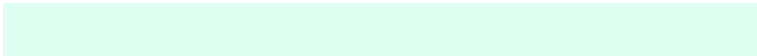
217.3110, -14.9433, 33.0533

# Sweetspot

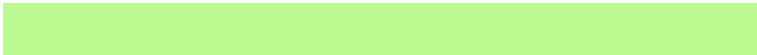
The Sweet Spot groups the original color and five complimentary colors.



213.7030, -3.3046, -60.2525



243.5370, -1.2507, -18.8879



219.7910, -36.8720, -27.0037



120.6950, -0.8356, -12.0105



0.0000, 0.0000, 0.0000

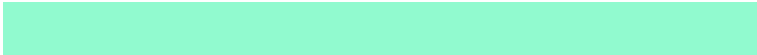


128.0000, 0.0000, 0.0000

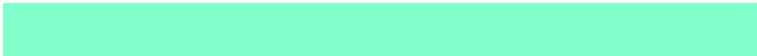


# Same Dimension

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



213.7030, -3.3046, -60.2525



211.0990, -3.9928, -72.8778



213.3220, 18.0823, -59.9184



120.5430, -0.2677, -7.4922



123.5970, -6.2103, -108.3946



39.9110, -1.9281, -35.0019



# Inverse Universe

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



181.2970, 3.3046, 60.2525



171.9010, 3.9928, 72.8778



181.6780, -18.0823, 59.9184



116.5710, 0.7045, 7.3922



65.2890, 5.7735, 108.4945

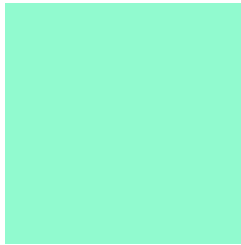


21.0890, 1.9281, 35.0019



# Previews

## White Background



This preview shows how the YUV color 213.7030, -3.3046, -60.2525 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

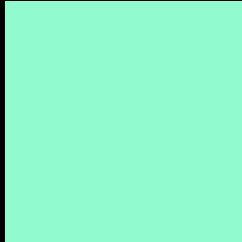
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 213.7030, -3.3046, -60.2525 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

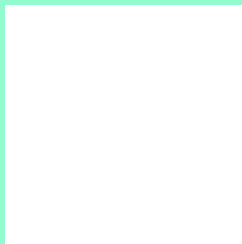
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 213.7030, -3.3046, -60.2525

## Background



This preview shows how black text looks on a background with the YUV color 213.7030, -3.3046, -60.2525.



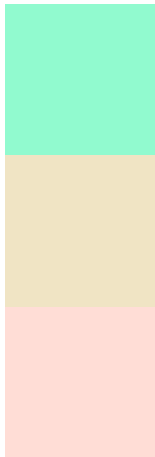
This preview shows how white text looks on a background with the YUV color 213.7030, -3.3046,



# 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

213.7030, -3.3046, -60.2525

### Protanopia

227.9400, -15.7464, 10.5766

### Deuteranopia

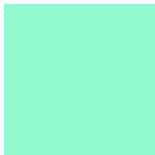
230.3680, -8.0694, 21.6023



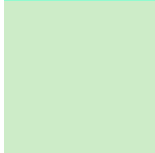
## **Tritanopia**

222.2860, 16.1280, -39.7158

# Trichromacy



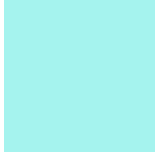
**Original Color**  
213.7030, -3.3046, -60.2525



**Protanomaly**  
222.6270, -11.1551, -15.4589

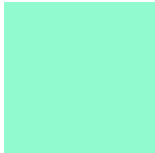


**Deuteranomaly**  
224.5230, -6.6668, -8.3517

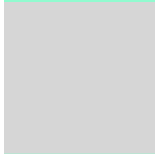


**Tritanomaly**  
219.1080, 9.3138, -47.4527

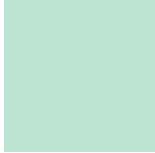
# Monochromacy



**Original Color**  
213.7030, -3.3046, -60.2525



**Achromatopsia**  
214.0000, 0.0000, 0.0000



**Achromatomaly**  
213.8140, -1.3873, -21.7619

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 213.7030, -3.3046, -60.2525 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(145, 250, 207)` looks like.

```
.text, #text, p{  
    color:rgb(145, 250, 207)  
}
```

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(145, 250, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 250, 207) }
```

## Border

The CSS property to change the border of an element to YUV 213.7030, -3.3046, -60.2525 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(145, 250, 207) }
```



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

```
.border{ border-color:rgb(145, 250, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 250, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 250, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 250, 207);  
box-shadow:4px 4px 4px 4px rgb(145, 250,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 213.7030, -3.3046, -60.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 250, 207) }
```

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

```
.background{ background-color: rgb(145,  
250, 207) }
```

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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