

# Converting Colors

YUV(225.9410, 5.9451,  
-40.2903)

Have a look what the booklet for  
YUV(225.9410, 5.9451, -40.2903)  
contains.

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# Color

**YUV(225.9410, 5.9451,  
-40.2903)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4F7EE
RGB	180, 247, 238
RGB Percent	71%, 97%, 93%
CMY	0.2941, 0.0314, 0.0667
CMYK	0.27, 0.00, 0.04, 0.03
HSL	172°, 81%, 84%
HSV	172°, 27%, 97%
XYZ	67.5158, 82.3979, 93.2348
YIQ	225.9410, -37.0430, -17.0030

# Conversions

## Conversions Part 2

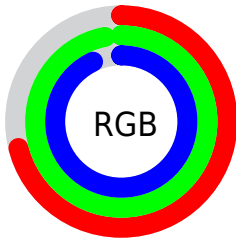
Format	Color
R <sub>Y</sub> B	180, 216, 247
Decimal	11859950
CIE Lab	92.75, -22.62, -2.42
CIE LCh	93, 22.752, 186.103
Yxy	82.3979, 0.2777, 0.3389
Android (android.graphics.Color)	4290050030 (0xFFB4F7EE)
YUV	225.9410, 5.9451, -40.2903
Hunter-Lab	90.7733, -26.0877, 2.6435

# Details

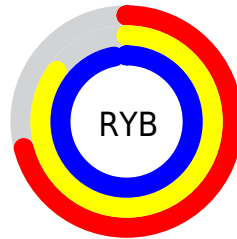
The YUV color  $225.9410, 5.9451, -40.2903$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $201.0590, -5.9451, 40.2903$ , and the grayscale version is  $226.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.6180, 2.6533, -11.0660$ , and  $169.6530, 6.0871, -39.1607$  is the 20% darker color. If you saturate the color by 10%, you get  $218.1240, 8.3199, -55.3597$ , and if you desaturate by 10%, it is  $233.7580, 3.5703, -25.2208$ .

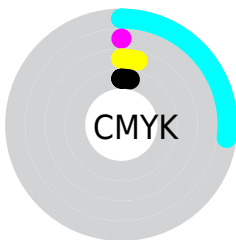
# Distribution



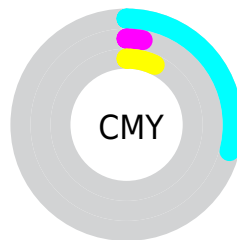
- Red (71%)
- Green (97%)
- Blue (93%)



- Red (71%)
- Yellow (85%)
- Blue (97%)



- Cyan (27%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (29%)
- Magenta (3%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 225.9410, 5.9451, -40.2903 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 225.9410, 5.9451, -40.2903 by changing the saturation by 10% instead.



225.9410, 5.9451,  
-40.2903

225.9410, 5.9451,  
-40.2903

255.0000, 0.0000,  
0.0000

197.3540, 6.2345,  
-39.7755

249.6180, 2.6533,  
-11.0660

169.6530, 6.0871,  
-39.1607

142.9520, 5.9397,  
-38.5459

116.6530, 6.0871,  
-39.1607

90.7670, 6.5239,  
-39.2607

64.3750, 7.7031,  
-44.1789

43.4790, 6.6659,

-38.1311

■ 28.1710, 3.8597,  
-24.7060

■ 12.2760, 1.3429,  
-10.7661

■ 225.9410, 5.9451,  
-40.2903

■ 225.9410, 5.9451,  
-40.2903

■ 218.1240, 8.3199,  
-55.3597

■ 233.7580, 3.5703,  
-25.2208

■ 210.4920, 10.1104,  
-69.7145

■ 241.3900, 1.7797,  
-10.8660

■ 202.6750, 12.4852,  
-84.7840

■ 249.2070, -0.5951,  
4.2035

■ 194.8580, 14.8600,  
-99.8535

■ 249.8480, 0.5679,  
4.5183

■ 187.2260, 16.6506,  
-114.2082

■ 250.3040, 2.3151,  
4.1184

■ 179.4090, 19.0254,  
-129.2777

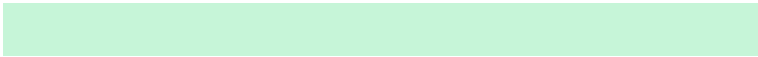
■ 171.5920, 21.4001,  
-144.3472

■ 169.3850, 21.9952,  
-148.5506

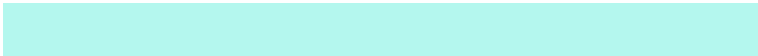
# Harmonies

## Analogous

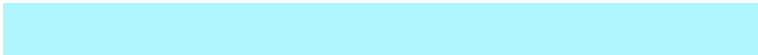
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.6410, -5.7390, -25.9952



225.9410, 5.9451, -40.2903



226.0960, 14.2497, -43.9342

# Triad

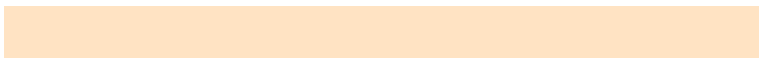
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.9410, 5.9451, -40.2903



235.2750, 9.7244, 7.6518



231.7240, -18.1049, 20.4131

# Complementary

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



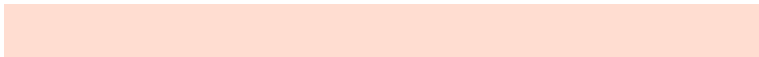
225.9410, 5.9451, -40.2903



201.0590, -5.9451, 40.2903

# 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.



229.7980, -10.2534, 22.1022



225.9410, 5.9451, -40.2903



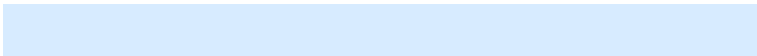
234.7000, 8.5289, 17.8031

# Square

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



225.9410, 5.9451, -40.2903



231.3000, 11.6841, -14.2951



231.0180, -0.5019, 21.0322

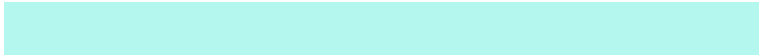


232.9850, -20.6986, 12.2912

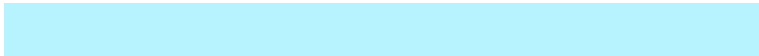


# Rectangle

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



225.9410, 5.9451, -40.2903



226.4280, 14.0860, -38.0864



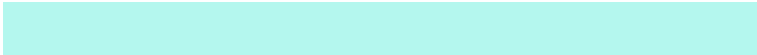
231.0180, -0.5019, 21.0322



231.0060, -15.7790, 21.0427

# Sweetspot

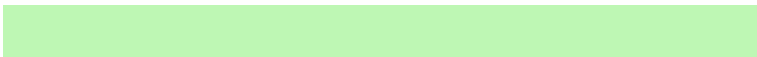
The Sweet Spot groups the original color and five complimentary colors.



225.9410, 5.9451, -40.2903



248.6780, 1.6377, -11.9956



222.3190, -20.8633, -28.3438



123.8850, 1.0427, -7.7921



0.0000, 0.0000, 0.0000

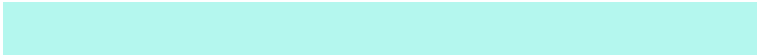


128.0000, 0.0000, 0.0000

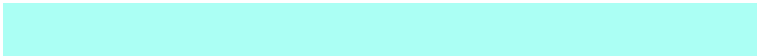


# Same Dimension

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



225.9410, 5.9451, -40.2903



228.6300, 7.5774, -50.5415



213.4660, 16.5323, -29.3497



118.2980, 1.3321, -7.2773



127.5360, 16.4978, -111.8491



40.4470, 5.2026, -35.4720



# Inverse Universe

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



201.0590, -5.9451, 40.2903



197.3700, -7.5774, 50.5415



213.5340, -16.5323, 29.3497



113.8160, -0.8953, 7.1774



58.4640, -16.4978, 111.8491

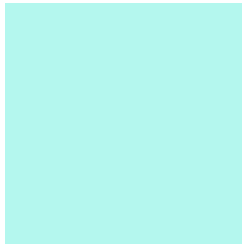


18.5530, -5.2026, 35.4720



# Previews

## White Background



This preview shows how the YUV color 225.9410, 5.9451, -40.2903 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

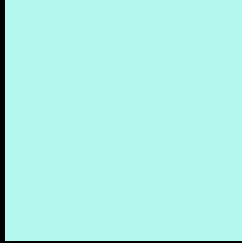
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 225.9410, 5.9451, -40.2903 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

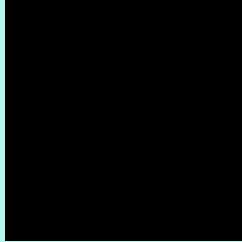
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

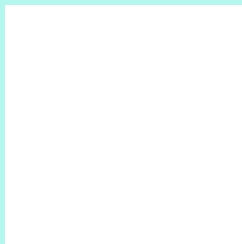
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 225.9410, 5.9451, -40.2903

## Background



This preview shows how black text looks on a background with the YUV color 225.9410, 5.9451, -40.2903.



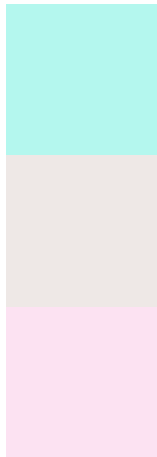
This preview shows how white text looks on a background with the YUV color 225.9410, 5.9451, -40.2903.

-40.2903.

# 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

225.9410, 5.9451, -40.2903

### Protanopia

233.5660, -1.7580, 3.8886

### Deuteranopia

235.5980, 3.1562, 14.3846



## Tritanopia

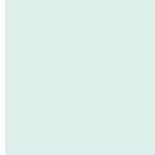
230.3370, 12.1589, -26.6055

# Trichromacy



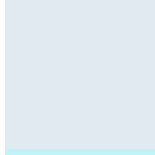
## Original Color

225.9410, 5.9451, -40.2903



## Protanomaly

230.5640, 1.2009, -11.8956



## Deuteranomaly

232.4060, 4.2368, -5.6181



## Tritanomaly

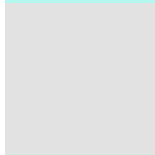
228.7340, 9.9911, -31.3387

# Monochromacy



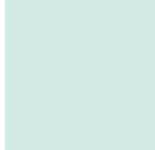
## Original Color

225.9410, 5.9451, -40.2903



## Achromatopsia

226.0000, 0.0000, 0.0000



## Achromatomaly

226.0690, 1.9380, -14.9695

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.9410, 5.9451, -40.2903 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(180, 247, 238)` looks like.

```
.text, #text, p{  
    color:rgb(180, 247, 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(180, 247, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 247, 238) }
```

## Border

The CSS property to change the border of an element to YUV 225.9410, 5.9451, -40.2903 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(180, 247, 238) }
```



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

```
.border{ border-color:rgb(180, 247, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 247, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 247, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 247, 238);  
box-shadow:4px 4px 4px 4px rgb(180, 247,  
238) }
```

# Background

The CSS property to change the background color of an element to YUV 225.9410, 5.9451, -40.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 247, 238) }
```

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

```
.background{ background-color: rgb(180,  
247, 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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