

# Converting Colors

YUV(224.8040, 10.4496,  
-38.4161)

Have a look what the booklet for  
YUV(224.8040, 10.4496, -38.4161)  
contains.

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# Color

**YUV(224.8040, 10.4496,  
-38.4161)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5F3F6
RGB	181, 243, 246
RGB Percent	71%, 95%, 96%
CMY	0.2902, 0.0471, 0.0353
CMYK	0.26, 0.01, 0.00, 0.04
HSL	183°, 78%, 84%
HSV	183°, 26%, 96%
XYZ	67.7412, 80.5788, 99.1717
YIQ	224.8040, -37.9150, -12.2110

# Conversions

## Conversions Part 2

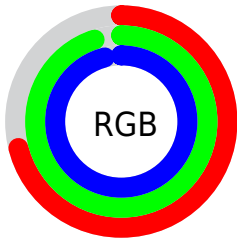
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 213, 246
Decimal	11924470
CIE Lab	91.94, -18.65, -7.76
CIE LCh	92, 20.201, 202.583
Yxy	80.5788, 0.2737, 0.3256
Android (android.graphics.Color)	4290114550 (0xFFB5F3F6)
YUV	224.8040, 10.4496, -38.4161
Hunter-Lab	89.7657, -22.3858, -2.6667

# Details

The YUV color **224.8040, 10.4496, -38.4161** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **202.1960, -10.4496, 38.4161**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9170, 2.5059, -10.4512**, and **169.1030, 10.3022, -37.8013** is the 20% darker color. If you saturate the color by 10%, you get **216.7420, 14.4242, -53.2707**, and if you desaturate by 10%, it is **232.8660, 6.4751, -23.5615**.

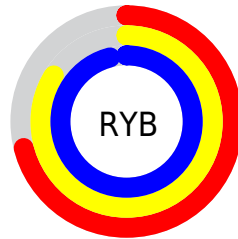
# Distribution



Red (71%)

Green (95%)

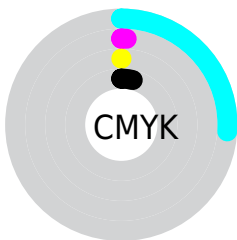
Blue (96%)



Red (71%)

Yellow (84%)

Blue (96%)

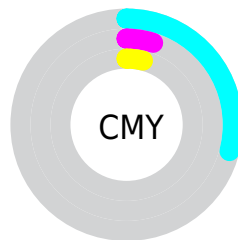


Cyan (26%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (5%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 224.8040, 10.4496, -38.4161 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 224.8040, 10.4496, -38.4161 by changing the saturation by 10% instead.



■ 224.8040, 10.4496,  
-38.4161

■ 224.8040, 10.4496,  
-38.4161

255.0000, 0.0000,  
0.0000

■ 196.8040, 10.4496,  
-38.4161

■ 249.9170, 2.5059,  
-10.4512

■ 169.1030, 10.3022,  
-37.8013

■ 142.1030, 10.3022,  
-37.8013

■ 115.4020, 10.1548,  
-37.1866

■ 90.1030, 10.3022,  
-37.8013

■ 64.0100, 11.3341,  
-42.1048

■ 42.5160, 10.5916,

-37.2865

■ 27.0940, 7.3487,  
-23.7614

■ 10.7260, 5.5581,  
-9.4067

■ 224.8040, 10.4496,  
-38.4161

■ 224.8040, 10.4496,  
-38.4161

■ 216.7420, 14.4242,  
-53.2707

■ 232.8660, 6.4751,  
-23.5615

■ 208.9790, 18.2514,  
-67.5106

■ 240.6290, 2.6479,  
-9.3216

■ 200.9170, 22.2259,  
-82.3652

■ 248.6910, -1.3267,  
5.5330

■ 192.5670, 26.3425,  
-96.0903

■ 249.8650, -1.9054,  
4.5034

■ 184.5050, 30.3170,  
-110.9449

■ 250.4520, -2.1948,  
3.9886

■ 176.4430, 34.2916,  
-125.7995

■ 251.0390, -2.4842,  
3.4738

■ 168.6800, 38.1188,  
-140.0394

■ 251.6260, -2.7736,  
2.9590

■ 165.9890, 39.4454,  
-145.5724

■ 252.2130, -3.0630,  
2.4442

■ 252.8000, -3.3524,  
1.9294

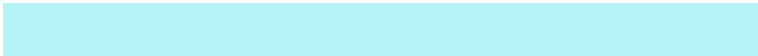
# Harmonies

## Analogous

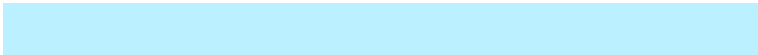
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.2150, 0.3870, -30.8836



224.8040, 10.4496, -38.4161



225.5640, 14.5119, -34.6976

# Triad

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



224.8040, 10.4496, -38.4161



235.0310, 9.8447, 15.7588



231.8870, -18.6783, 17.6391

# Complementary

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



224.8040, 10.4496, -38.4161



202.1960, -10.4496, 38.4161

# 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.



230.1740, -13.8898, 21.7724



224.8040, 10.4496, -38.4161



231.9300, 2.9925, 20.2324

# Square

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



224.8040, 10.4496, -38.4161



231.9640, 11.3567, -2.5994



229.6500, -5.7435, 22.2319



229.3580, -16.4455, 1.4400

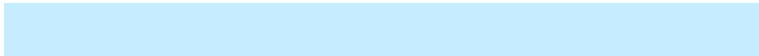


# Rectangle

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



224.8040, 10.4496, -38.4161



227.0920, 13.7586, -26.3907



229.6500, -5.7435, 22.2319



231.7240, -18.1049, 20.4131

# Sweetspot

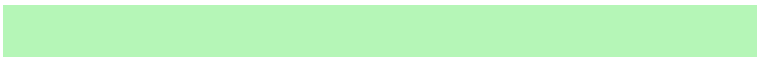
The Sweet Spot groups the original color and five complimentary colors.



224.8040, 10.4496, -38.4161



248.4330, 3.2375, -11.7807



219.3830, -17.9368, -33.6619



123.5260, 2.2057, -7.4773



0.0000, 0.0000, 0.0000

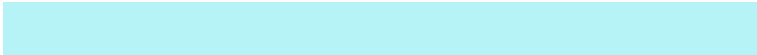


128.0000, 0.0000, 0.0000



# Same Dimension

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



224.8040, 10.4496, -38.4161



228.1340, 13.2449, -48.3525



206.0200, 19.7101, -21.9425



118.4120, 1.7689, -7.3773



125.6900, 29.7328, -110.2301



39.5980, 9.5652, -34.7274



# Inverse Universe

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



207.5030, 17.5000, 33.7619



206.4100, 21.9829, 42.6134



220.9800, -19.7101, 21.9425



114.9560, 3.4727, 6.1776



75.9060, 50.3323, 96.5524

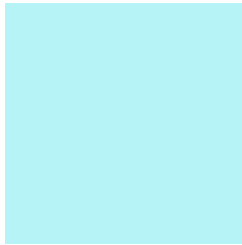


24.0250, 15.7637, 30.6731



# Previews

## White Background



This preview shows how the YUV color 224.8040, 10.4496, -38.4161 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

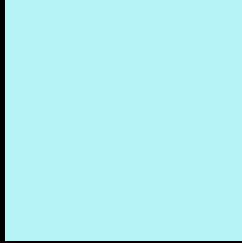
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 224.8040, 10.4496, -38.4161 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 224.8040, 10.4496, -38.4161 Background



This preview shows how black text looks on a background with the YUV color 224.8040, 10.4496, -38.4161.



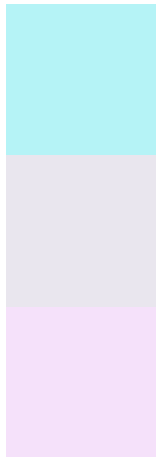
This preview shows how white text looks on a background with the YUV color 224.8040, 10.4496, -38.4161.

-38.4161.

# 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

224.8040, 10.4496, -38.4161

### Protanopia

231.8090, 3.0522, 1.0445

### Deuteranopia

233.8300, 7.9718, 9.7961



## Tritanopia

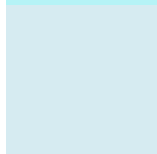
227.3690, 13.6221, -29.2646

# Trichromacy



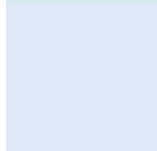
## Original Color

224.8040, 10.4496, -38.4161



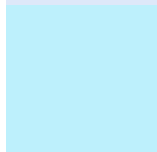
## Protanomaly

229.4050, 5.7163, -13.5102



## Deuteranomaly

230.9480, 8.8996, -7.8474



## Tritanomaly

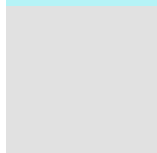
226.1190, 12.7593, -32.5534

# Monochromacy



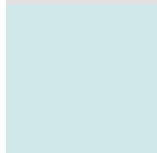
## Original Color

224.8040, 10.4496, -38.4161



## Achromatopsia

225.0000, 0.0000, 0.0000



## Achromatomaly

225.2370, 3.8272, -14.2398

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.8040, 10.4496, -38.4161 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(181, 243, 246)` looks like.

```
.text, #text, p{  
    color:rgb(181, 243, 246)  
}
```

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(181, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 243, 246) }
```

## Border

The CSS property to change the border of an element to YUV 224.8040, 10.4496, -38.4161 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(181, 243, 246) }
```



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

```
.border{ border-color:rgb(181, 243, 246) }
```

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

Here you see how a box with a 4 pixel rgb(181, 243, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 243, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 243, 246);  
box-shadow:4px 4px 4px 4px rgb(181, 243,  
246) }
```

# Background

The CSS property to change the background color of an element to YUV 224.8040, 10.4496, -38.4161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 243, 246) }
```

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

```
.background{ background-color: rgb(181,  
243, 246) }
```

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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