

# Converting Colors

YUV(226.2560, 8.2548,  
-34.4275)

Have a look what the booklet for  
YUV(226.2560, 8.2548, -34.4275)  
contains.

<b>YUV(226.2560, 8.2548, -34.4275)</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(226.2560, 8.2548,  
-34.4275)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBF3F3
RGB	187, 243, 243
RGB Percent	73%, 95%, 95%
CMY	0.2667, 0.0471, 0.0471
CMYK	0.23, 0.00, 0.00, 0.05
HSL	180°, 70%, 84%
HSV	180°, 23%, 95%
XYZ	68.7218, 81.1370, 96.8330
YIQ	226.2560, -33.3760, -11.8720

# Conversions

## Conversions Part 2

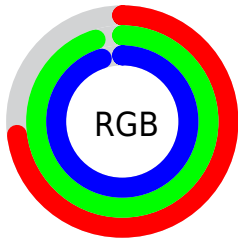
Format	Color
R <sub>Y</sub> B	187, 215, 243
Decimal	12317683
CIE Lab	92.19, -17.58, -5.79
CIE LCh	92, 18.509, 198.238
Yxy	81.1370, 0.2786, 0.3289
Android (android.graphics.Color)	4290507763 (0xFFBBF3F3)
YUV	226.2560, 8.2548, -34.4275
Hunter-Lab	90.0761, -21.4502, -0.6843

# Details

The YUV color  $226.2560, 8.2548, -34.4275$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $203.7440, -8.2548, 34.4275$ , and the grayscale version is  $226.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.7110, 1.6215, -6.7625$ , and  $170.5550, 8.1074, -33.8127$  is the 20% darker color. If you saturate the color by 10%, you get  $219.0800, 11.7926, -49.1822$ , and if you desaturate by 10%, it is  $233.4320, 4.7170, -19.6729$ .

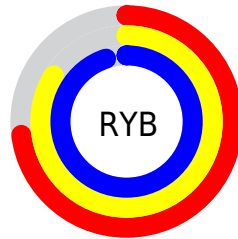
# Distribution



Red (73%)

Green (95%)

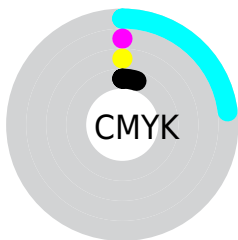
Blue (95%)



Red (73%)

Yellow (84%)

Blue (95%)

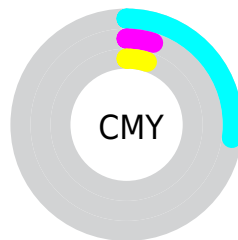


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (5%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 226.2560, 8.2548, -34.4275 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 226.2560, 8.2548, -34.4275 by changing the saturation by 10% instead.



■ 226.2560, 8.2548,  
-34.4275

■ 226.2560, 8.2548,  
-34.4275

255.0000, 0.0000,  
0.0000

■ 198.2560, 8.2548,  
-34.4275

■ 251.7110, 1.6215,  
-6.7625

■ 170.5550, 8.1074,  
-33.8127

■ 143.8540, 7.9600,  
-33.1980

■ 117.2670, 8.2494,  
-32.6832

■ 91.9680, 8.3968,  
-33.2979

■ 67.2560, 8.2548,  
-34.4275

■ 42.1740, 9.2812,

-36.9866

■ 26.7520, 6.0383,  
-23.4615

■ 10.9710, 3.9583,  
-9.6216

■ 226.2560, 8.2548,  
-34.4275

■ 226.2560, 8.2548,  
-34.4275

■ 219.0800, 11.7926,  
-49.1822

■ 233.4320, 4.7170,  
-19.6729

■ 211.6050, 15.4777,  
-64.5516

■ 240.9070, 1.0318,  
-4.3034

■ 204.4290, 19.0155,  
-79.3062

■ 246.5880, -1.7689,  
7.3773

■ 197.2530, 22.5533,  
-94.0609

■ 190.0770, 26.0910,  
-108.8155

■ 182.6020, 29.7762,  
-124.1850

■ 175.4260, 33.3140,  
-138.9396

■ 170.3430, 35.8199,  
-149.3908

# Harmonies

## Analogous

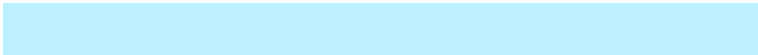
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.1940, -1.0816, -26.4801



226.2560, 8.2548, -34.4275



227.3470, 13.6329, -32.7533

# Triad

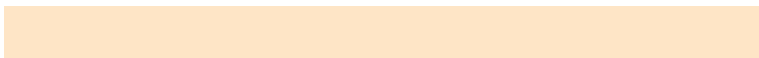
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.2560, 8.2548, -34.4275



235.5960, 9.5662, 11.7553



232.9410, -17.2259, 18.4687

# Complementary

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



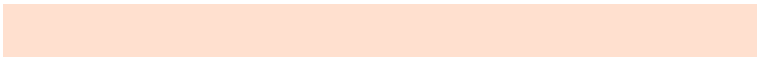
226.2560, 8.2548, -34.4275



203.7440, -8.2548, 34.4275

# 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.



231.3310, -11.9952, 20.7577



226.2560, 8.2548, -34.4275



233.3320, 3.2873, 19.0028

# Square

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



226.2560, 8.2548, -34.4275



231.9530, 11.3622, -4.3438



231.2800, -4.5750, 20.8024



230.8960, -15.7247, 3.5992

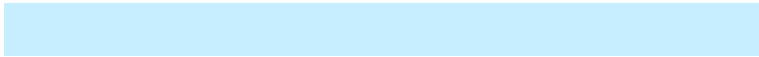


# Rectangle

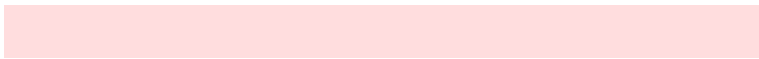
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.2560, 8.2548, -34.4275



228.2770, 13.1744, -25.6759



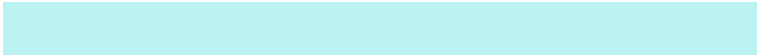
231.2800, -4.5750, 20.8024



232.2940, -15.9209, 19.9132

# Sweetspot

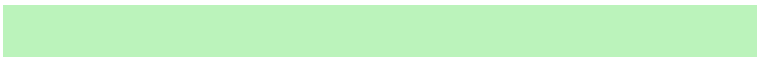
The Sweet Spot groups the original color and five complimentary colors.



226.2560, 8.2548, -34.4275



249.6180, 2.6533, -11.0660



219.8720, -16.2059, -28.8287



124.7110, 1.6215, -6.7625



0.0000, 0.0000, 0.0000

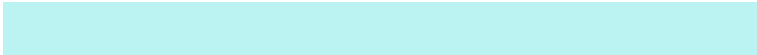


128.0000, 0.0000, 0.0000



# Same Dimension

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



226.2560, 8.2548, -34.4275



233.7710, 10.4659, -43.6492



209.8200, 16.3577, -20.0131



118.4120, 1.7689, -7.3773



130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718



# Inverse Universe

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



210.1280, 16.2059, 28.8287



213.3230, 20.5468, 36.5507



220.1800, -16.3577, 20.0131



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526

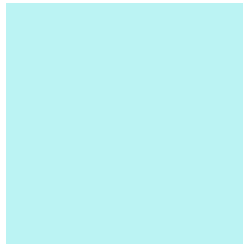


24.3670, 17.0741, 30.3731



# Previews

## White Background



This preview shows how the YUV color 226.2560, 8.2548, -34.4275 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

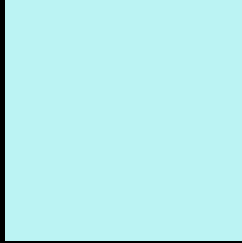
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 226.2560, 8.2548, -34.4275 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

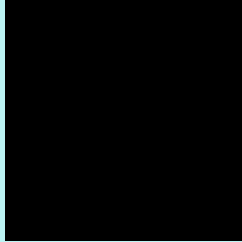
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 226.2560, 8.2548, -34.4275

## Background



This preview shows how black text looks on a background with the YUV color 226.2560, 8.2548, -34.4275.



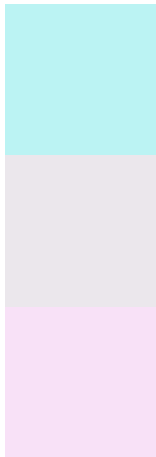
This preview shows how white text looks on a background with the YUV color 226.2560, 8.2548,

-34.4275.

# 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

226.2560, 8.2548, -34.4275

### Protanopia

232.7660, 1.5944, 1.9592

### Deuteranopia

234.3850, 6.2192, 11.9404



## Tritanopia

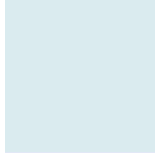
228.8640, 12.8850, -26.1907

# Trichromacy



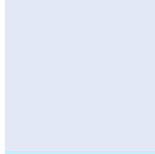
## Original Color

226.2560, 8.2548, -34.4275



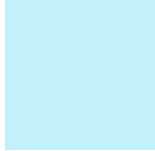
## Protanomaly

230.3730, 4.2531, -10.8511



## Deuteranomaly

231.8020, 6.9996, -5.0884



## Tritanomaly

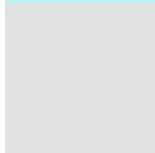
227.7990, 11.4381, -28.7647

# Monochromacy



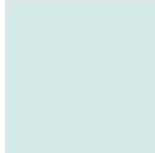
## Original Color

226.2560, 8.2548, -34.4275



## Achromatopsia

226.0000, 0.0000, 0.0000



## Achromatomaly

226.0200, 2.9481, -12.2955

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 226.2560, 8.2548, -34.4275 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(187, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(187, 243, 243)  
}
```

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(187, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 243, 243) }
```

## Border

The CSS property to change the border of an element to YUV 226.2560, 8.2548, -34.4275 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(187, 243, 243) }
```



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

```
.border{ border-color:rgb(187, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(187, 243,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 226.2560, 8.2548, -34.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 243, 243) }
```

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

```
.background{ background-color: rgb(187,  
243, 243) }
```

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