

# Converting Colors

YUV(214.1440, -15.3540,  
-22.0513)

Have a look what the booklet for  
YUV(214.1440, -15.3540, -22.0513)  
contains.

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# Color

**YUV(214.1440, -15.3540,  
-22.0513)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDE9B7
RGB	189, 233, 183
RGB Percent	74%, 91%, 72%
CMY	0.2588, 0.0863, 0.2824
CMYK	0.19, 0.00, 0.21, 0.09
HSL	113°, 53%, 82%
HSV	113°, 21%, 91%
XYZ	58.6724, 72.5155, 55.7043
YIQ	214.1440, -10.1740, -24.8780

# Conversions

## Conversions Part 2

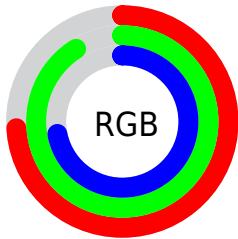
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 233, 227
Decimal	12446135
CIELab	88.22, -23.48, 19.72
CIELCh	88, 30.663, 139.963
Yxy	72.5155, 0.3139, 0.3880
Android (android.graphics.Color)	4290636215 (0xFFBDE9B7)
YUV	214.1440, -15.3540, -22.0513
Hunter-Lab	85.1561, -26.0368, 20.8251

# Details

The YUV color **214.1440, -15.3540, -22.0513** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **201.8560, 15.3540, 22.0513**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.4850, -5.6621, -3.9333**, and **159.0840, -14.3384, -21.1217** is the 20% darker color. If you saturate the color by 10%, you get **205.2430, -22.3048, -32.6621**, and if you desaturate by 10%, it is **223.0450, -8.4032, -11.4405**.

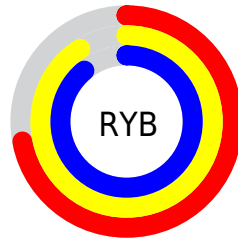
# Distribution



Red (74%)

Green (91%)

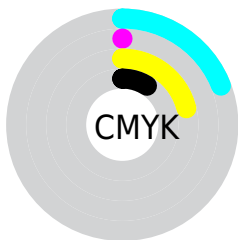
Blue (72%)



Red (72%)

Yellow (91%)

Blue (89%)

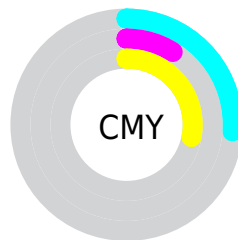


Cyan (19%)

Magenta (0%)

Yellow (21%)

Black (9%)



Cyan (26%)

Magenta (9%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 214.1440, -15.3540, -22.0513 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 214.1440, -15.3540, -22.0513 by changing the saturation by 10% instead.



■ 214.1440,  
-15.3540, -22.0513

■ 214.1440,  
-15.3540, -22.0513

255.0000, 0.0000,  
0.0000

■ 186.5570,  
-15.0646, -21.5365

■ 250.4850, -5.6621,  
-3.9333

■ 159.0840,  
-14.3384, -21.1217

■ 132.6110,  
-13.6122, -20.7068

■ 107.0240,  
-13.3228, -20.1920

■ 82.5510, -12.5966,  
-19.7772

■ 58.7790, -11.7230,  
-19.9772

■ 35.2950, -10.9914,

-21.3067

■ 18.7840, -9.2605,  
-16.4736

■ 0.0000, 0.0000,  
0.0000

■ 214.1440,  
-15.3540, -22.0513

■ 214.1440,  
-15.3540, -22.0513

■ 205.2430,  
-22.3048, -32.6621

■ 223.0450, -8.4032,  
-11.4405

■ 196.5270,  
-29.8398, -42.5582

■ 231.7610, -0.8682,  
-1.5444

■ 187.6260,  
-36.7906, -53.1690

■ 240.6620, 6.0826,  
9.0664

■ 179.0240,  
-43.8888, -63.1650

■ 242.0860, 6.3666,  
11.3256

■ 170.0090,  
-51.2764, -73.6759

■ 161.4070,  
-58.3747, -83.6719

■ 152.5060,  
-65.3255, -94.2828

■ 145.1430,  
-71.5555, -102.7344

# Harmonies

## Analogous

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



217.9640, -25.6183, 3.5396



214.1440, -15.3540, -22.0513



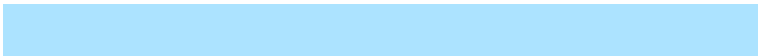
210.0020, -0.0010, -46.4828

# Triad

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



214.1440, -15.3540, -22.0513



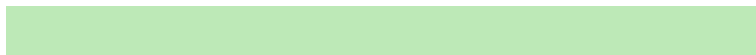
213.7470, 20.3377, -36.6121



217.3740, -7.0864, 32.9980

# Complementary

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



214.1440, -15.3540, -22.0513



201.8560, 15.3540, 22.0513

# 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.



220.6800, 5.5808, 30.0986



214.1440, -15.3540, -22.0513



220.1360, 17.1880, -6.2583

# Square

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



214.1440, -15.3540, -22.0513



208.5870, 22.8816, -59.2738



225.0300, 14.7752, 21.0217



218.0460, -19.7427, 32.4087



# Rectangle

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



214.1440, -15.3540, -22.0513



208.0850, 10.8041, -58.8335



225.0300, 14.7752, 21.0217



217.8130, -2.8658, 32.6130

# Sweetspot

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



214.1440, -15.3540, -22.0513



249.4030, -4.6357, -6.4924



223.1910, -19.8142, 8.6025



124.5820, -2.7519, -4.0184



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

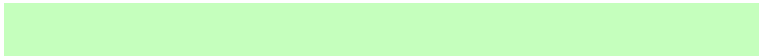


# Same Dimension

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



214.1440, -15.3540, -22.0513



230.1340, -20.2791, -29.0585



214.4020, -6.6072, -27.5396



112.7560, -3.3307, -5.0480



112.8250, -55.6227, -79.6535



33.4920, -16.5116, -24.1105



# Inverse Universe

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



201.8560, 15.3540, 22.0513



213.8660, 20.2791, 29.0585



201.5980, 6.6072, 27.5396



110.2440, 3.3307, 5.0480



68.1750, 55.6227, 79.6535

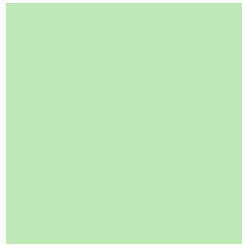


20.2090, 16.6590, 23.4957



# Previews

## White Background



This preview shows how the YUV color 214.1440, -15.3540, -22.0513 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 214.1440, -15.3540, -22.0513 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

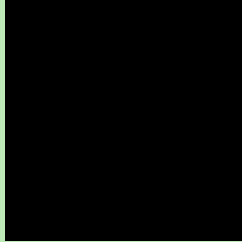
Any Text WCAG AA ✓ Pass

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 214.1440, -15.3540, -22.0513 Background



This preview shows how black text looks on a background with the YUV color 214.1440, -15.3540, -22.0513.



This preview shows how white text looks on a background with the YUV color 214.1440, -15.3540, -22.0513.

-22.0513.

# 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

214.1440, -15.3540, -22.0513

### Protanopia

219.2840, -20.8460, 12.9059

### Deuteranopia

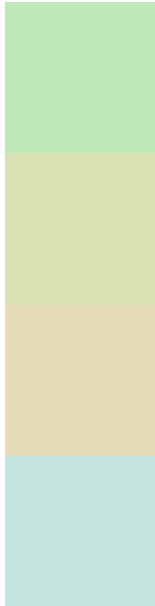
221.7080, -17.1110, 28.3201



## Tritanopia

219.2780, 11.6949, -17.7838

# Trichromacy



## Original Color

214.1440, -15.3540, -22.0513

## Protanomaly

217.6630, -19.0609, 0.2955

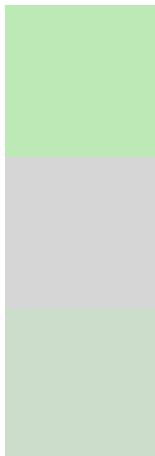
## Deuteranomaly

219.1140, -16.3252, 9.5470

## Tritanomaly

217.3350, 1.8068, -19.5878

# Monochromacy



## Original Color

214.1440, -15.3540, -22.0513

## Achromatopsia

214.0000, 0.0000, 0.0000

## Achromatomaly

214.1640, -5.5039, -8.0368

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.1440, -15.3540, -22.0513 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(189, 233, 183)` looks like.

```
.text, #text, p{  
    color:rgb(189, 233, 183)  
}
```

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(189, 233, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 233, 183) }
```

## Border

The CSS property to change the border of an element to YUV 214.1440, -15.3540, -22.0513 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(189, 233, 183) }
```



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

```
.border{ border-color:rgb(189, 233, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 233, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 233, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 233, 183);  
box-shadow:4px 4px 4px 4px rgb(189, 233,  
183) }
```

# Background

The CSS property to change the background color of an element to YUV 214.1440, -15.3540, -22.0513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 233, 183) }
```

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

```
.background{ background-color: rgb(189,  
233, 183) }
```

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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