

# Converting Colors

YUV(223.6000, -13.6068,  
-22.4512)

Have a look what the booklet for  
YUV(223.6000, -13.6068, -22.4512)  
contains.

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# Color

**YUV(223.6000, -13.6068,  
-22.4512)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6F2C4
RGB	198, 242, 196
RGB Percent	78%, 95%, 77%
CMY	0.2235, 0.0510, 0.2314
CMYK	0.18, 0.00, 0.19, 0.05
HSL	117°, 64%, 86%
HSV	117°, 19%, 95%
XYZ	65.0046, 79.4956, 64.1426
YIQ	223.6000, -11.4580, -23.6340

# Conversions

## Conversions Part 2

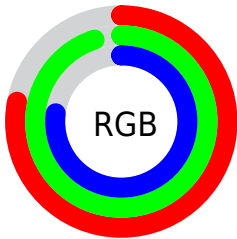
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 242, 240
Decimal	13038276
CIE <sub>Lab</sub>	91.46, -22.65, 17.61
CIE <sub>LCh</sub>	91, 28.697, 142.135
Yxy	79.4956, 0.3116, 0.3810
Android (android.graphics.Color)	4291228356 (0xFFC6F2C4)
YUV	223.6000, -13.6068, -22.4512
Hunter-Lab	89.1603, -25.8904, 19.7585

# Details

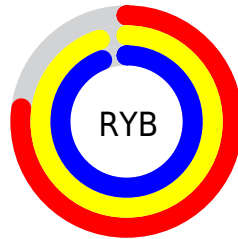
The YUV color  $223.6000, -13.6068, -22.4512$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $214.4000, 13.6068, 22.4512$ , and the grayscale version is  $224.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.7720, -0.8736, 0.2000$ , and  $168.4260, -13.0280, -21.4216$  is the 20% darker color. If you saturate the color by 10%, you get  $213.9870, -20.6996, -34.1916$ , and if you desaturate by 10%, it is  $233.2130, -6.5140, -10.7108$ .

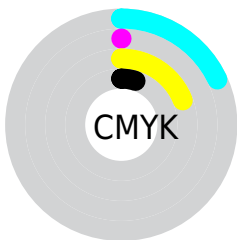
# Distribution



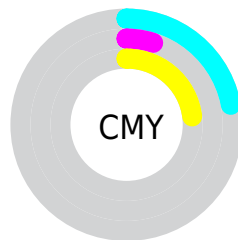
- Red (78%)
- Green (95%)
- Blue (77%)



- Red (77%)
- Yellow (95%)
- Blue (94%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (22%)
- Magenta (5%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 223.6000, -13.6068, -22.4512 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 223.6000, -13.6068, -22.4512 by changing the saturation by 10% instead.



■ 223.6000,  
-13.6068, -22.4512

■ 223.6000,  
-13.6068, -22.4512

255.0000, 0.0000,  
0.0000

■ 195.7140,  
-13.1700, -22.5512

254.7720, -0.8736,  
0.2000

■ 168.4260,  
-13.0280, -21.4216

■ 141.5400,  
-12.5912, -21.5216

■ 115.4800,  
-11.5756, -20.5920

■ 90.8930, -11.2862,  
-20.0772

■ 67.0070, -10.8495,  
-20.1771

■ 43.3490, -9.5391,

-20.4771

■ 21.7190, -10.7075,  
-19.0476

■ 5.8700, -2.8939,  
-5.1480

■ 223.6000,  
-13.6068, -22.4512

■ 223.6000,  
-13.6068, -22.4512

■ 213.9870,  
-20.6996, -34.1916

■ 233.2130, -6.5140,  
-10.7108

■ 204.3740,  
-27.7924, -45.9320

■ 242.8260, 0.5788,  
1.0296

■ 194.6470,  
-35.3220, -57.5724

■ 247.3690, 3.7621,  
6.6924

■ 184.7350,  
-42.2674, -69.9276

■ 175.1220,  
-49.3601, -81.6680

■ 165.5090,  
-56.4529, -93.4084

■ 155.8960,  
-63.5457, -105.1488

■ 146.1690,  
-71.0753, -116.7892

■ 145.3430,  
-71.6541, -117.8188

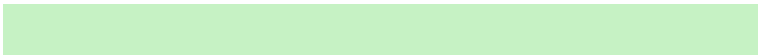
# Harmonies

## Analogous

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



227.1210, -23.7237, 2.5249



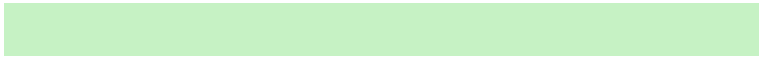
223.6000, -13.6068, -22.4512



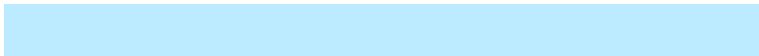
220.2410, 0.8672, -44.9384

# Triad

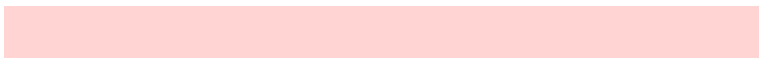
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.6000, -13.6068, -22.4512



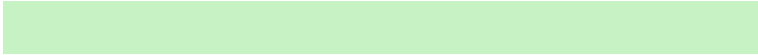
223.2270, 15.6641, -30.8941



224.7430, -6.7753, 26.5354

# Complementary

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



223.6000, -13.6068, -22.4512



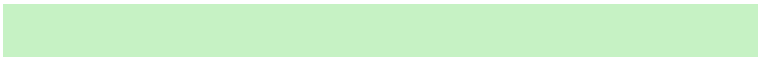
214.4000, 13.6068, 22.4512

# 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.



227.3480, 5.7444, 24.2508



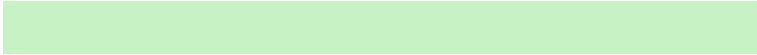
223.6000, -13.6068, -22.4512



229.3060, 12.6671, -2.8994

# Square

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



223.6000, -13.6068, -22.4512



218.6650, 17.9132, -52.3262



232.6940, 10.9969, 19.5624

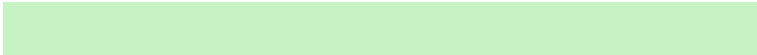


225.0560, -18.2686, 26.2609



# Rectangle

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



223.6000, -13.6068, -22.4512



218.5200, 11.0826, -54.8300



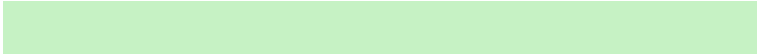
232.6940, 10.9969, 19.5624



225.1820, -2.5547, 26.1504

# Sweetspot

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



223.6000, -13.6068, -22.4512



248.8050, -4.3409, -7.7220



235.5820, -19.5139, 5.6286



124.2830, -2.6045, -4.6332



0.0000, 0.0000, 0.0000

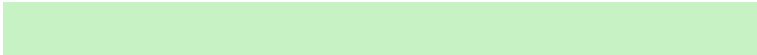


128.0000, 0.0000, 0.0000

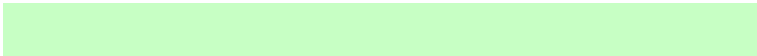


# Same Dimension

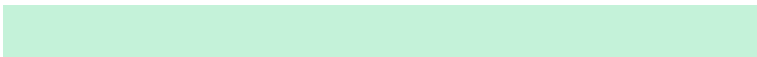
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.6000, -13.6068, -22.4512



231.5300, -17.5163, -28.5288



225.3960, -4.1392, -25.7803



115.0440, -3.4727, -6.1776



110.4000, -54.4272, -89.8048



33.4700, -16.5007, -27.5992



# Inverse Universe

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



214.4000, 13.6068, 22.4512



219.4700, 17.5163, 28.5288



212.6040, 4.1392, 25.7803



112.6570, 3.6201, 5.5628



73.6000, 54.4272, 89.8048

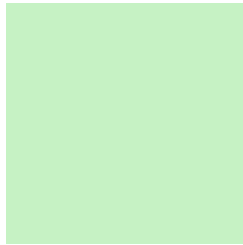


22.5300, 16.5007, 27.5992



# Previews

## White Background



This preview shows how the YUV color 223.6000, -13.6068, -22.4512 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

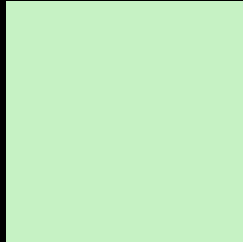
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 223.6000, -13.6068, -22.4512 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

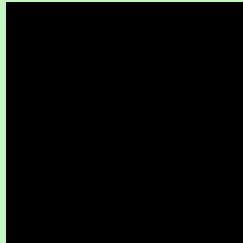
Any Text WCAG AA ✓ Pass

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 223.6000, -13.6068, -22.4512 Background



This preview shows how black text looks on a background with the YUV color 223.6000, -13.6068, -22.4512.



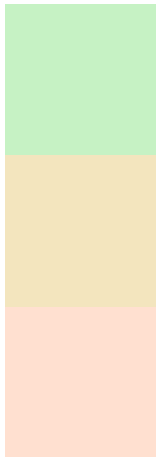
This preview shows how white text looks on a background with the YUV color 223.6000, -13.6068, -22.4512.

-22.4512.

# 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

223.6000, -13.6068, -22.4512

### Protanopia

228.7400, -19.0988, 12.5060

### Deuteranopia

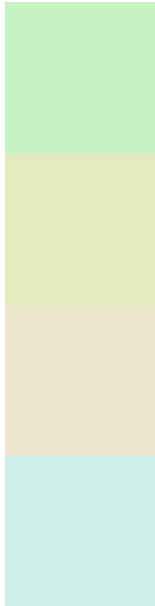
231.4450, -11.5584, 20.6577



## Tritanopia

228.3920, 12.1317, -17.8838

# Trichromacy



## Original Color

223.6000, -13.6068, -22.4512

## Protanomaly

227.1190, -17.3137, -0.1044

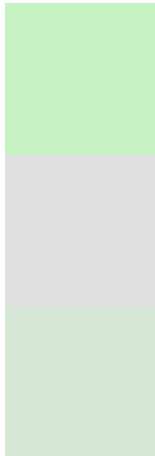
## Deuteranomaly

228.8190, -12.2358, 4.5437

## Tritanomaly

226.5630, 2.6804, -19.7878

# Monochromacy



## Original Color

223.6000, -13.6068, -22.4512

## Achromatopsia

224.0000, 0.0000, 0.0000

## Achromatomaly

224.2780, -5.0671, -8.1368

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 223.6000, -13.6068, -22.4512 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(198, 242, 196)` looks like.

```
.text, #text, p{  
    color:rgb(198, 242, 196)  
}
```

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(198, 242, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 242, 196) }
```

## Border

The CSS property to change the border of an element to YUV 223.6000, -13.6068, -22.4512 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(198, 242, 196) }
```



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

```
.border{ border-color:rgb(198, 242, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 242, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 242, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 242, 196);  
box-shadow:4px 4px 4px 4px rgb(198, 242,  
196) }
```

# Background

The CSS property to change the background color of an element to YUV 223.6000, -13.6068, -22.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 242, 196) }
```

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

```
.background{ background-color: rgb(198,  
242, 196) }
```

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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