

# Converting Colors

YUV(227.5000, -8.6275,  
-32.8875)

Have a look what the booklet for  
YUV(227.5000, -8.6275, -32.8875)  
contains.

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# Color

**YUV(227.5000, -8.6275,  
-32.8875)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEFAD2
RGB	190, 250, 210
RGB Percent	75%, 98%, 82%
CMY	0.2549, 0.0196, 0.1765
CMYK	0.24, 0.00, 0.16, 0.02
HSL	140°, 86%, 86%
HSV	140°, 24%, 98%
XYZ	67.0537, 83.9715, 73.6468
YIQ	227.5000, -22.9200, -25.1600

# Conversions

## Conversions Part 2

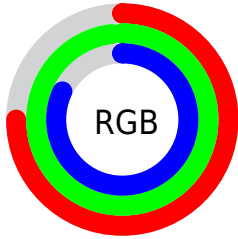
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">190, 235, 250</a>
Decimal	<a href="#">12516050</a>
CIELab	<a href="#">93.44, -26.61, 13.13</a>
CIELCh	<a href="#">93, 29.670, 153.744</a>
Yxy	<a href="#">83.9715, 0.2985, 0.3738</a>
Android (android.graphics.Color)	<a href="#">4290706130 (0xFFBEFAD2)</a>
YUV	<a href="#">227.5000, -8.6275, -32.8875</a>
Hunter-Lab	<a href="#">91.6360, -29.7474, 16.4945</a>

# Details

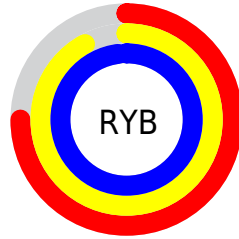
The YUV color **227.5000, -8.6275, -32.8875** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **212.5000, 8.6275, 32.8875**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6080, 1.1793, -4.9182**, and **171.3260, -8.0487, -31.8579** is the 20% darker color. If you saturate the color by 10%, you get **218.0870, -12.3679, -46.5573**, and if you desaturate by 10%, it is **236.9130, -4.8871, -19.2177**.

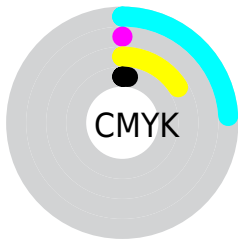
# Distribution



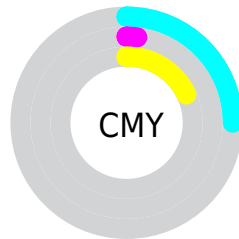
- Red (75%)
- Green (98%)
- Blue (82%)



- Red (75%)
- Yellow (92%)
- Blue (98%)



- Cyan (24%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (25%)
- Magenta (2%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 227.5000, -8.6275, -32.8875 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 227.5000, -8.6275, -32.8875 by changing the saturation by 10% instead.




 227.5000, -8.6275,  
-32.8875

 227.5000, -8.6275,  
-32.8875

255.0000, 0.0000,  
0.0000


 198.9130, -8.3381,  
-32.3727


 252.6080, 1.1793,  
-4.9182

 171.3260, -8.0487,  
-31.8579

 144.7390, -7.7593,  
-31.3431

 118.5650, -7.1805,  
-30.3135

 93.3800, -6.5963,  
-31.0283

 68.6080, -5.7227,  
-31.2282

 43.0420, -3.9647,

-35.1168

■ 26.2500, -6.0393,  
-23.0212

■ 11.7400, -5.7878,  
-10.2960

■ 227.5000, -8.6275,  
-32.8875

■ 227.5000, -8.6275,  
-32.8875

■ 218.0870,  
-12.3679, -46.5573

■ 236.9130, -4.8871,  
-19.2177

■ 208.7880,  
-15.6715, -60.3271

■ 246.2120, -1.5835,  
-5.4479

■ 199.3750,  
-19.4119, -73.9969

■ 252.0650, 1.4470,  
2.5740

■ 189.9620,  
-23.1523, -87.6667

■ 180.6630,  
-26.4559, -101.4365

■ 171.2500,  
-30.1962, -115.1063

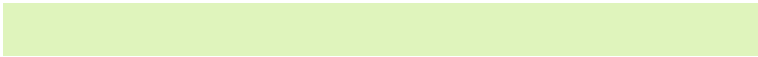
■ 161.8370,  
-33.9366, -128.7760

■ 156.2120,  
-36.0935, -136.9979

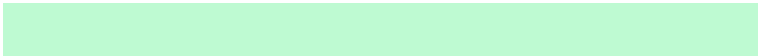
# Harmonies

## Analogous

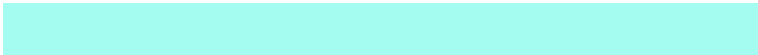
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.3370, -21.3651, -7.3115



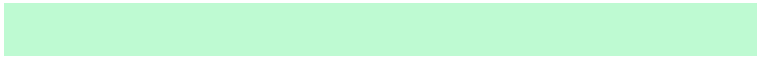
227.5000, -8.6275, -32.8875



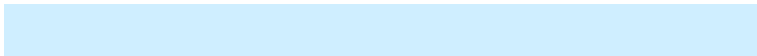
223.9070, 7.4408, -53.4154

# Triad

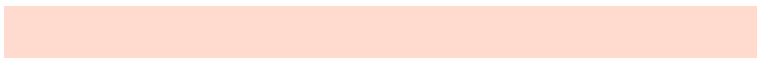
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.5000, -8.6275, -32.8875



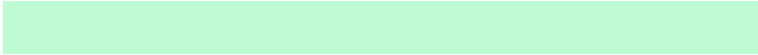
230.6690, 11.9952, -20.7577



227.6950, -10.6956, 23.9465

# Complementary

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



227.5000, -8.6275, -32.8875



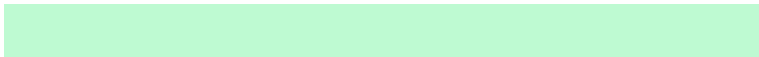
212.5000, 8.6275, 32.8875

# 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.



229.7130, 2.1135, 22.1767



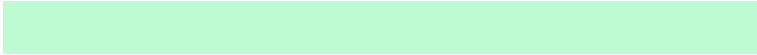
227.5000, -8.6275, -32.8875



236.1610, 9.2876, 7.7518

# Square

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



227.5000, -8.6275, -32.8875



224.6010, 14.9867, -47.0081



233.8680, 10.4181, 18.5328

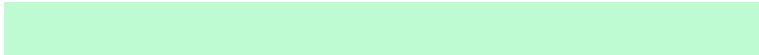


230.1110, -21.7467, 21.8277



# Rectangle

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



227.5000, -8.6275, -32.8875



223.3390, 15.6089, -59.9333



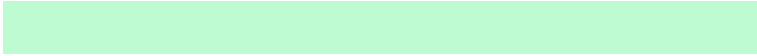
233.8680, 10.4181, 18.5328



228.0200, -6.9119, 23.6615

# Sweetspot

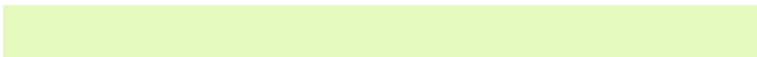
The Sweet Spot groups the original color and five complimentary colors.



227.5000, -8.6275, -32.8875



248.2500, -2.5882, -9.8663



237.1800, -23.2597, -6.2969



123.9130, -1.4361, -6.0627



0.0000, 0.0000, 0.0000

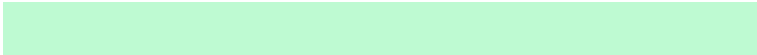


128.0000, 0.0000, 0.0000

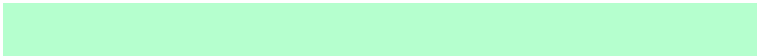


# Same Dimension

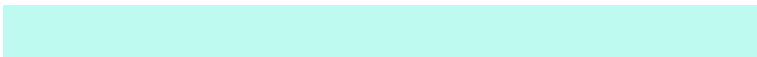
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.5000, -8.6275, -32.8875



227.2880, -10.4950, -40.5946



230.8060, 4.0396, -35.7869



120.2010, -1.5781, -7.1923



118.1250, -27.1766, -103.5956



38.0870, -8.9169, -33.4023



# Inverse Universe

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



212.5000, 8.6275, 32.8875



208.7120, 10.4950, 40.5946



209.0800, -4.4764, 35.8868



116.9130, 2.0149, 7.0923



70.8750, 27.1766, 103.5956

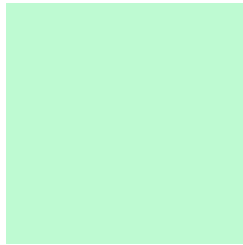


22.9130, 8.9169, 33.4023



# Previews

## White Background



This preview shows how the YUV color 227.5000, -8.6275, -32.8875 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

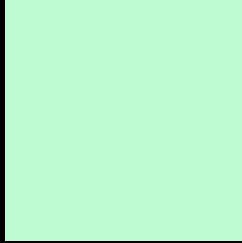
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 227.5000, -8.6275, -32.8875 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

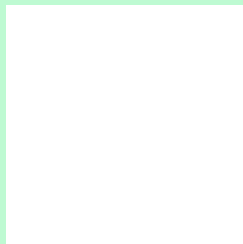
Any Text WCAG AAA ✓ Pass

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

# YUV 227.5000, -8.6275, -32.8875 Background



This preview shows how black text looks on a background with the YUV color 227.5000, -8.6275, -32.8875.



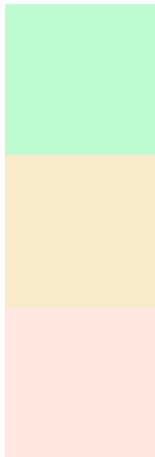
This preview shows how white text looks on a background with the YUV color 227.5000, -8.6275, -32.8875.

-32.8875.

# 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

227.5000, -8.6275, -32.8875

### Protanopia

234.8260, -16.1832, 10.6766

### Deuteranopia

236.6770, -6.7428, 16.0693



## Tritanopia

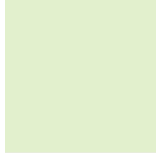
233.3270, 10.6848, -20.4578

# Trichromacy



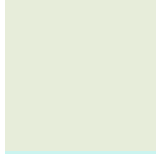
## Original Color

227.5000, -8.6275, -32.8875



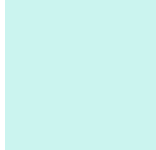
## Protanomaly

231.8240, -13.2242, -5.1076



## Deuteranomaly

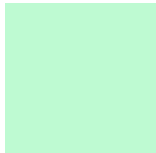
233.0400, -7.4147, -1.7891



## Tritanomaly

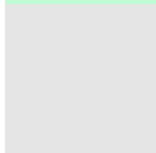
231.1710, 3.8597, -24.7060

# Monochromacy



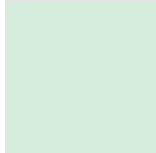
## Original Color

227.5000, -8.6275, -32.8875



## Achromatopsia

228.0000, 0.0000, 0.0000



## Achromatomaly

227.7120, -3.3090, -12.0254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 227.5000, -8.6275, -32.8875 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(190, 250, 210)` looks like.

```
.text, #text, p{  
    color:rgb(190, 250, 210)  
}
```

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(190, 250, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 250, 210) }
```

## Border

The CSS property to change the border of an element to YUV 227.5000, -8.6275, -32.8875 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(190, 250, 210) }
```



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

```
.border{ border-color:rgb(190, 250, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 250, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 250, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 250, 210);  
box-shadow:4px 4px 4px 4px rgb(190, 250,  
210) }
```

# Background

The CSS property to change the background color of an element to YUV 227.5000, -8.6275, -32.8875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 250, 210) }
```

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

```
.background{ background-color: rgb(190,  
250, 210) }
```

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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