

Converting Colors

YUV(227.4990, -3.6970,
-27.6246)

Have a look what the booklet for
YUV(227.4990, -3.6970, -27.6246)
contains.

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Color

**YUV(227.4990, -3.6970,
-27.6246)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F5DC
RGB	196, 245, 220
RGB Percent	77%, 96%, 86%
CMY	0.2314, 0.0392, 0.1373
CMYK	0.20, 0.00, 0.10, 0.04
HSL	149°, 71%, 86%
HSV	149°, 20%, 96%
XYZ	68.3356, 82.2079, 79.9762
YIQ	227.4990, -21.1790, -18.1630

Conversions

Conversions Part 2

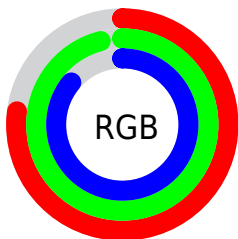
Format	Color
R _{YB}	196, 229, 245
Decimal	12907996
CIE Lab	92.67, -20.46, 6.90
CIE LCh	93, 21.597, 161.359
Yxy	82.2079, 0.2964, 0.3566
Android (android.graphics.Color)	4291098076 (0xFFC4F5DC)
YUV	227.4990, -3.6970, -27.6246
Hunter-Lab	90.6686, -24.1370, 11.1700

Details

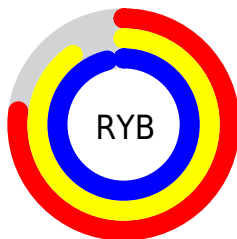
The YUV color **227.4990, -3.6970, -27.6246** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **213.5010, 3.6970, 27.6246**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.4020, 0.2948, -1.2296**, and **172.2110, -3.5550, -26.4950** is the 20% darker color. If you saturate the color by 10%, you get **218.6560, -5.2534, -41.7943**, and if you desaturate by 10%, it is **236.4560, -1.7038, -13.5549**.

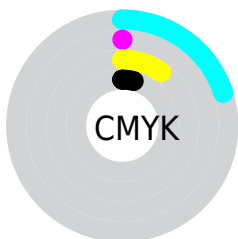
Distribution



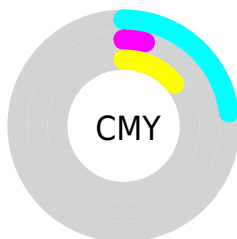
- Red (77%)
- Green (96%)
- Blue (86%)



- Red (77%)
- Yellow (90%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (23%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.4990, -3.6970, -27.6246 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 227.4990, -3.6970, -27.6246 by changing the saturation by 10% instead.

■ 227.4990, -3.6970,
-27.6246

■ 227.4990, -3.6970,
-27.6246

255.0000, 0.0000,
0.0000

■ 198.9120, -3.4076,
-27.1098

254.4020, 0.2948,
-1.2296

■ 172.2110, -3.5550,
-26.4950

■ 144.7380, -2.8288,
-26.0802

■ 119.0370, -2.9762,
-25.4654

■ 94.1510, -2.5394,
-25.5654

■ 69.8630, -2.3975,
-24.4359

■ 46.3790, -1.6658,

-25.7654

■ 25.5150, -1.2399,
-22.3767

■ 9.9790, -4.9196,
-8.7516

■ 227.4990, -3.6970,
-27.6246

■ 227.4990, -3.6970,
-27.6246

■ 218.6560, -5.2534,
-41.7943

■ 236.4560, -1.7038,
-13.5549

■ 209.9980, -7.3940,
-55.2492

■ 245.0000, 0.0000,
0.0000

■ 201.4540, -9.0978,
-68.8042

■ 249.1300, 2.8939,
5.1480

■ 192.4970,
-11.0910, -82.8739

■ 183.9530,
-12.7948, -96.4288

■ 174.9960,
-14.7880, -110.4985

■ 166.1530,
-16.3444, -124.6682

■ 157.4950,
-18.4850, -138.1231

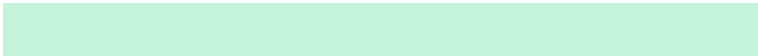
Harmonies

Analogous

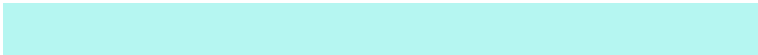
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.6770, -13.6448, -10.2407



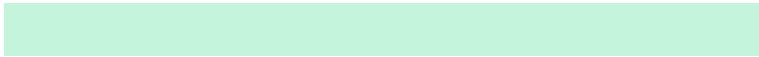
227.4990, -3.6970, -27.6246



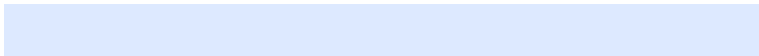
225.9950, 7.3975, -39.4606

Triad

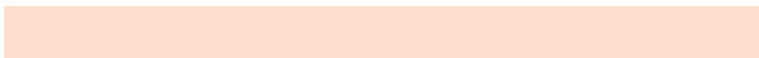
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.4990, -3.6970, -27.6246



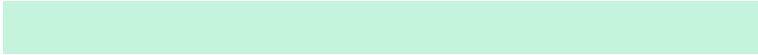
231.9200, 11.3784, -9.5768



230.1570, -11.4164, 21.7873

Complementary

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



227.4990, -3.6970, -27.6246



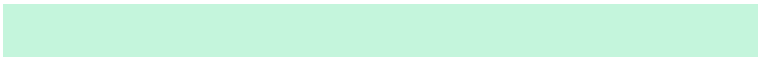
213.5010, 3.6970, 27.6246

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.



231.2630, -2.1017, 20.8173



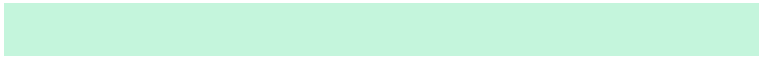
227.4990, -3.6970, -27.6246



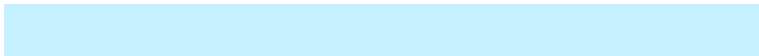
235.8840, 9.4242, 10.6257

Square

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



227.4990, -3.6970, -27.6246



228.5540, 13.0379, -28.5499



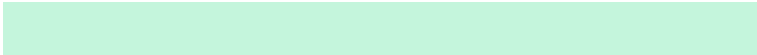
234.2440, 6.7817, 18.2030



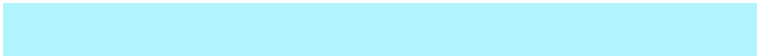
232.3110, -18.3943, 19.8983

Rectangle

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



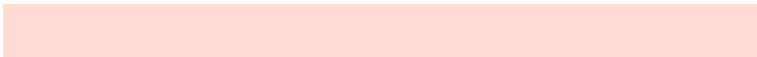
227.4990, -3.6970, -27.6246



226.4060, 14.0968, -41.5751



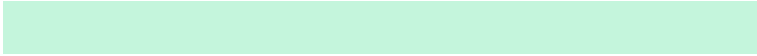
234.2440, 6.7817, 18.2030



230.2540, -8.5062, 21.7022

Sweetspot

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



227.4990, -3.6970, -27.6246



249.6030, -1.2833, -8.4218



232.2380, -17.8653, -9.8557



124.7390, -0.8573, -5.0331



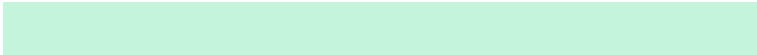
0.0000, 0.0000, 0.0000



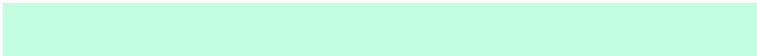
128.0000, 0.0000, 0.0000

Same Dimension

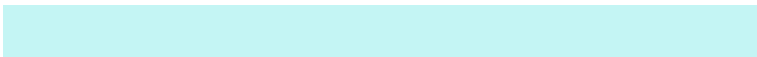
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.4990, -3.6970, -27.6246



233.2270, -4.5489, -34.4021



230.2350, 6.7861, -30.0241



117.7280, -0.8519, -6.7775



119.5560, -14.0781, -104.8506



37.9390, -4.4069, -33.2725

Inverse Universe

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



213.5010, 3.6970, 27.6246



215.7730, 4.5489, 34.4021



210.7650, -6.7861, 30.0241



114.2720, 0.8519, 6.7775



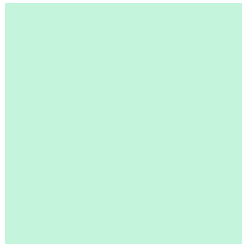
66.4440, 14.0781, 104.8506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 227.4990, -3.6970, -27.6246 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 227.4990, -3.6970, -27.6246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

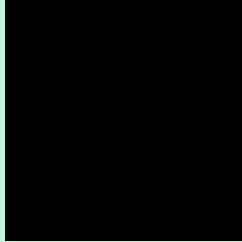
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

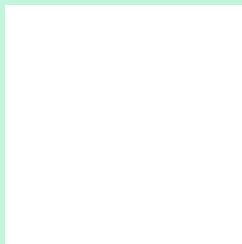
Any Text WCAG AAA ✓ Pass

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

YUV 227.4990, -3.6970, -27.6246 Background



This preview shows how black text looks on a background with the YUV color 227.4990, -3.6970, -27.6246.



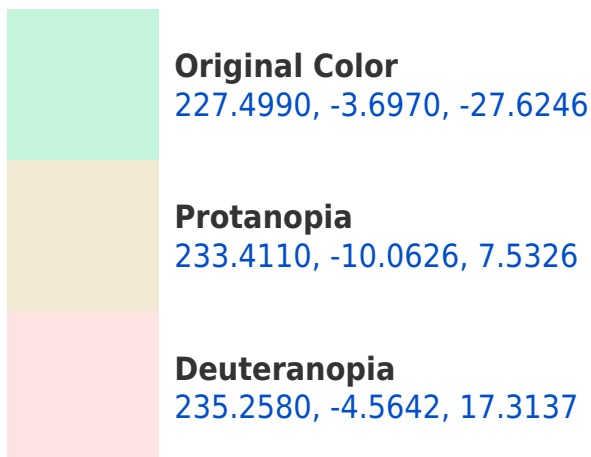
This preview shows how white text looks on a background with the YUV color 227.4990, -3.6970,

-27.6246.

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





Tritanopia

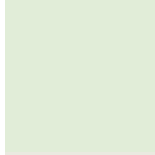
231.5550, 11.5584, -20.6577

Trichromacy



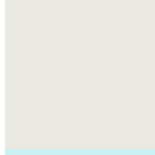
Original Color

227.4990, -3.6970, -27.6246



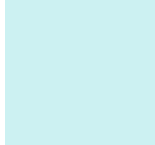
Protanomaly

231.0180, -7.4039, -5.2778



Deuteranomaly

232.8600, -4.3680, 0.9998



Tritanomaly

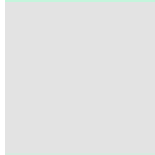
230.0510, 5.8909, -22.8467

Monochromacy



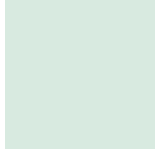
Original Color

227.4990, -3.6970, -27.6246



Achromatopsia

227.0000, 0.0000, 0.0000



Achromatomaly

227.4780, -1.7147, -10.0662

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.4990, -3.6970, -27.6246 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(196, 245, 220)` looks like.

```
.text, #text, p{  
    color:rgb(196, 245, 220)  
}
```

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(196, 245, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 245, 220) }
```

Border

The CSS property to change the border of an element to YUV 227.4990, -3.6970, -27.6246 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(196, 245, 220) }
```


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

```
.border{ border-color:rgb(196, 245, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 245, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 245, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 245, 220);  
box-shadow:4px 4px 4px 4px rgb(196, 245,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 227.4990, -3.6970, -27.6246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 245, 220) }
```

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

```
.background{ background-color: rgb(196,  
245, 220) }
```

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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