

Converting Colors

YUV(226.3990, -15.4797,
-28.4139)

Have a look what the booklet for
YUV(226.3990, -15.4797, -28.4139)
contains.

YUV(226.3990, -15.4797, -28.4139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(226.3990, -15.4797,
-28.4139)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F9C3
RGB	194, 249, 195
RGB Percent	76%, 98%, 76%
CMY	0.2392, 0.0235, 0.2353
CMYK	0.22, 0.00, 0.22, 0.02
HSL	121°, 82%, 87%
HSV	121°, 22%, 98%
XYZ	65.9741, 83.1608, 64.2042
YIQ	226.3990, -15.4460, -28.4540

Conversions

Conversions Part 2

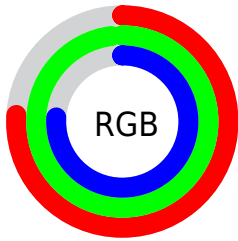
Format	Color
RYB	194, 248, 249
Decimal	12777923
CIELab	93.08, -27.49, 20.37
CIELCh	93, 34.210, 143.466
Yxy	83.1608, 0.3092, 0.3898
Android (android.graphics.Color)	4290968003 (0xFFC2F9C3)
YUV	226.3990, -15.4797, -28.4139
Hunter-Lab	91.1926, -30.4494, 22.0916

Details

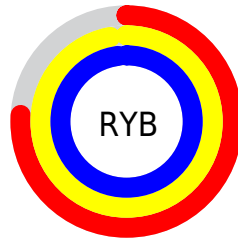
The YUV color **226.3990, -15.4797, -28.4139** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **216.6010, 15.4797, 28.4139**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.4620, -0.7208, -2.1592**, and **170.3390, -14.4641, -27.4843** is the 20% darker color. If you saturate the color by 10%, you get **216.1880, -22.2777, -41.3839**, and if you desaturate by 10%, it is **236.6100, -8.6817, -15.4440**.

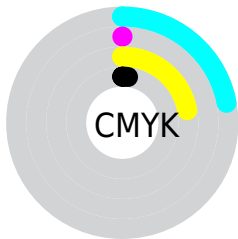
Distribution



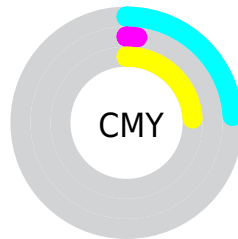
- Red (76%)
- Green (98%)
- Blue (76%)



- Red (76%)
- Yellow (97%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (24%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.3990, -15.4797, -28.4139 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 226.3990, -15.4797, -28.4139 by changing the saturation by 10% instead.

■ 226.3990,
-15.4797, -28.4139

■ 226.3990,
-15.4797, -28.4139

255.0000, 0.0000,
0.0000

■ 197.9260,
-14.7535, -27.9991

■ 253.4620, -0.7208,
-2.1592

■ 170.3390,
-14.4641, -27.4843

■ 143.7520,
-14.1747, -26.9695

■ 118.2790,
-13.4485, -26.5547

■ 92.8060, -12.7224,
-26.1399

■ 68.0340, -11.8488,
-26.3398

■ 43.4790, -10.0961,

-28.4841

■ 24.6540, -12.1544,
-21.6216

■ 11.1530, -5.4984,
-9.7812

■ 226.3990,
-15.4797, -28.4139

■ 226.3990,
-15.4797, -28.4139

■ 216.1880,
-22.2777, -41.3839

■ 236.6100, -8.6817,
-15.4440

■ 205.8630,
-29.5125, -54.2539

■ 246.9350, -1.4470,
-2.5740

■ 195.6520,
-36.3104, -67.2238

■ 251.4780, 1.7363,
3.0888

■ 185.3270,
-43.5452, -80.0938

■ 175.4150,
-50.4906, -92.4490

■ 165.0900,
-57.7254, -105.3189

■ 154.8790,
-64.5233, -118.2889

■ 146.7330,
-69.8744, -128.6848

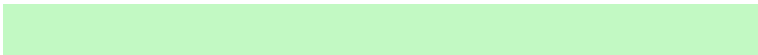
Harmonies

Analogous

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



230.6710, -27.9388, 1.1655



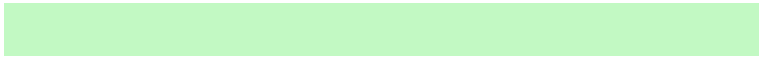
226.3990, -15.4797, -28.4139



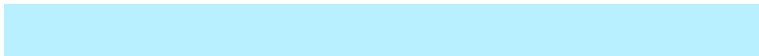
221.6310, 2.6469, -55.8044

Triad

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



226.3990, -15.4797, -28.4139



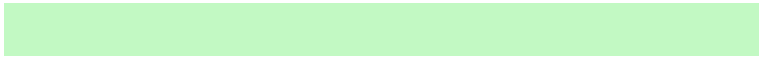
224.9660, 14.8068, -35.9272



224.6290, -7.2121, 26.6354

Complementary

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



226.3990, -15.4797, -28.4139



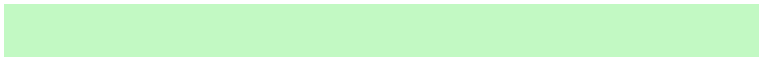
216.6010, 15.4797, 28.4139

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.



228.5050, 7.6390, 23.2361



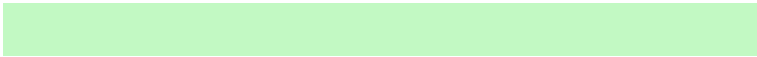
226.3990, -15.4797, -28.4139



232.2630, 11.2093, -1.9847

Square

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



226.3990, -15.4797, -28.4139



218.5880, 17.9511, -64.5367



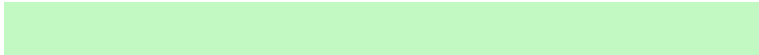
233.2810, 10.7075, 19.0476



226.2470, -21.3208, 25.2164

Rectangle

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



226.3990, -15.4797, -28.4139



219.6430, 14.4730, -68.9699



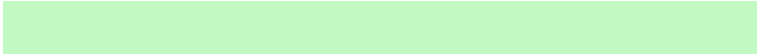
233.2810, 10.7075, 19.0476



225.2960, -2.1179, 26.0504

Sweetspot

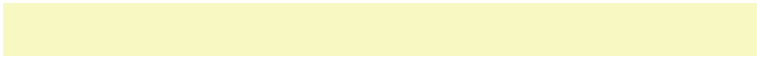
The Sweet Spot groups the original color and five complimentary colors.



226.3990, -15.4797, -28.4139



247.5660, -5.2090, -9.2664



242.4310, -23.8765, 4.8840



123.4570, -3.1833, -5.6628



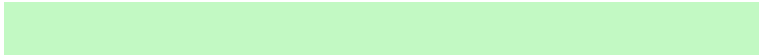
0.0000, 0.0000, 0.0000



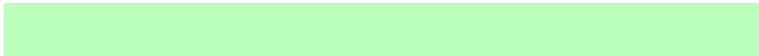
128.0000, 0.0000, 0.0000

Same Dimension

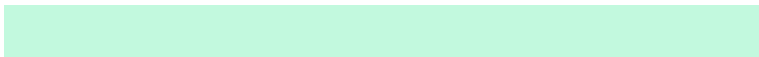
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.3990, -15.4797, -28.4139



226.6170, -19.5312, -35.6211



229.4770, -3.6862, -31.1133



119.7450, -3.3253, -6.7924



111.2850, -53.3845, -97.5969



35.9210, -17.2161, -31.5027

Inverse Universe

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



216.6010, 15.4797, 28.4139



214.3830, 19.5312, 35.6211



213.5230, 3.6862, 31.1133



117.3690, 3.7621, 6.6924



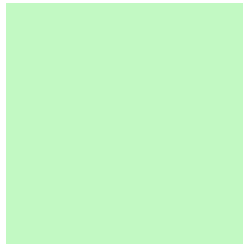
77.6010, 52.9477, 97.6969



25.0790, 17.2161, 31.5027

Previews

White Background



This preview shows how the YUV color 226.3990, -15.4797, -28.4139 looks on a white background.

Color Contrast Check

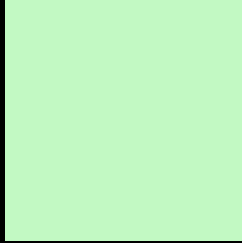
Large Text (above 18pt) WCAG AA × Fail

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 226.3990, -15.4797, -28.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

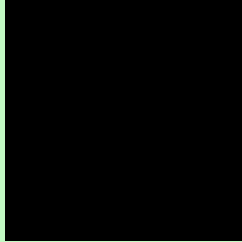
Any Text WCAG AA ✓ Pass

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 226.3990, -15.4797, -28.4139 Background



This preview shows how black text looks on a background with the YUV color 226.3990, -15.4797, -28.4139.



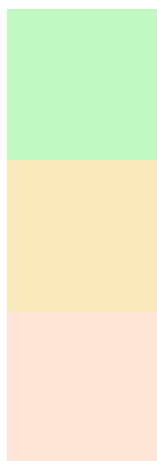
This preview shows how white text looks on a background with the YUV color 226.3990, -15.4797, -28.4139.

-28.4139.

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

226.3990, -15.4797, -28.4139

Protanopia

233.2410, -22.3038, 13.8206

Deuteranopia

235.2920, -9.5110, 17.2839



Tritanopia

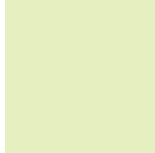
232.4520, 11.1162, -18.8134

Trichromacy



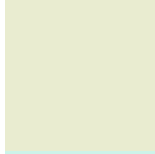
Original Color

226.3990, -15.4797, -28.4139



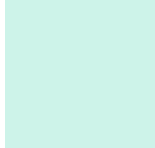
Protanomaly

230.5380, -19.4922, -1.3488



Deuteranomaly

231.9110, -11.7881, 0.9551



Tritanomaly

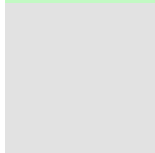
230.4980, 1.2335, -22.3617

Monochromacy



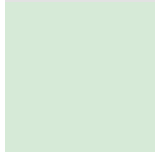
Original Color

226.3990, -15.4797, -28.4139



Achromatopsia

226.0000, 0.0000, 0.0000



Achromatomaly

225.8540, -5.3510, -10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.3990, -15.4797, -28.4139 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(194, 249, 195)` looks like.

```
.text, #text, p{  
    color:rgb(194, 249, 195)  
}
```

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(194, 249, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 249, 195) }
```

Border

The CSS property to change the border of an element to YUV 226.3990, -15.4797, -28.4139 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(194, 249, 195) }
```


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

```
.border{ border-color:rgb(194, 249, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 249, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 249, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 249, 195);  
box-shadow:4px 4px 4px 4px rgb(194, 249,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 226.3990, -15.4797, -28.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 249, 195) }
```

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

```
.background{ background-color: rgb(194,  
249, 195) }
```

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