

Converting Colors

YUV(216.2950, -31.2044,
-24.8147)

Have a look what the booklet for
YUV(216.2950, -31.2044, -24.8147)
contains.

YUV(216.2950, -31.2044, -24.8147)	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(216.2950, -31.2044,
-24.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF399
RGB	188, 243, 153
RGB Percent	74%, 95%, 60%
CMY	0.2627, 0.0471, 0.4000
CMYK	0.23, 0.00, 0.37, 0.05
HSL	97°, 79%, 78%
HSV	97°, 37%, 95%
XYZ	58.5394, 77.0925, 41.9320
YIQ	216.2950, -3.8900, -39.6500

Conversions

Conversions Part 2

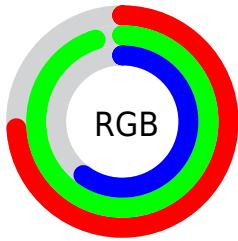
Format	Color
RYB	153, 243, 208
Decimal	12383129
CIELab	90.36, -33.06, 37.88
CIElCh	90, 50.274, 131.113
Yxy	77.0925, 0.3297, 0.4342
Android (android.graphics.Color)	4290573209 (0xFFBCF399)
YUV	216.2950, -31.2044, -24.8147
Hunter-Lab	87.8023, -34.6448, 33.1463

Details

The YUV color $216.2950, -31.2044, -24.8147$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $179.7050, 31.2044, 24.8147$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.6520, -19.0554, -1.4488$, and $161.0500, -29.6047, -24.5999$ is the 20% darker color. If you saturate the color by 10%, you get $209.0740, -39.4765, -31.6369$, and if you desaturate by 10%, it is $223.5160, -22.9324, -17.9925$.

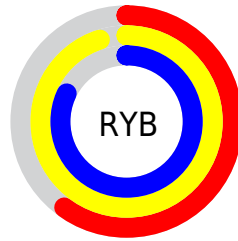
Distribution



Red (74%)

Green (95%)

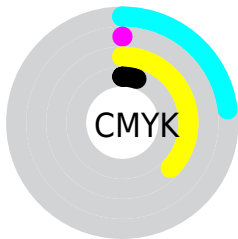
Blue (60%)



Red (60%)

Yellow (95%)

Blue (82%)

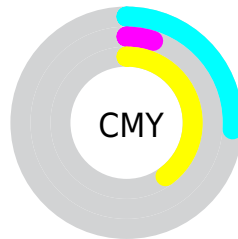


Cyan (23%)

Magenta (0%)

Yellow (37%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2950, -31.2044, -24.8147 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 216.2950, -31.2044, -24.8147 by changing the saturation by 10% instead.

■ 216.2950,
-31.2044, -24.8147

■ 216.2950,
-31.2044, -24.8147

255.0000, 0.0000,
0.0000

■ 187.8220,
-30.4782, -24.3999

■ 246.6520,
-19.0554, -1.4488

■ 161.0500,
-29.6047, -24.5999

■ 252.9480, -7.8624,
1.7996

■ 133.6910,
-28.4417, -24.2850

■ 107.8050,
-28.0049, -24.3850

■ 81.9190, -27.5681,
-24.4850

■ 56.7940, -27.9994,
-26.1293

■ 34.6330, -17.0741,

-30.3731

■ 22.3060, -10.9969,
-19.5624

■ 1.1740, -0.5788,
-1.0296

■ 216.2950,
-31.2044, -24.8147

■ 216.2950,
-31.2044, -24.8147

■ 209.0740,
-39.4765, -31.6369

■ 223.5160,
-22.9324, -17.9925

■ 201.7390,
-48.1853, -38.3591

■ 230.8510,
-14.2235, -11.2703

■ 194.5180,
-56.4574, -45.1813

■ 238.0720, -5.9515,
-4.4481

■ 187.5960,
-64.8768, -51.3887

■ 244.9940, 2.4680,
1.7593

■ 180.2610,
-73.5857, -58.1109

■ 247.9560, 3.4727,
6.1776

■ 173.0400,
-81.8577, -64.9331

■ 171.0460,
-84.3257, -66.6923

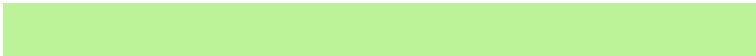
Harmonies

Analogous

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



222.0030, -44.8645, 16.6604



216.2950, -31.2044, -24.8147



207.2410, -6.0348, -71.2484

Triad

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



216.2950, -31.2044, -24.8147



198.3440, 27.9314, -92.3867



211.2420, -0.1193, 38.3758

Complementary

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



216.2950, -31.2044, -24.8147



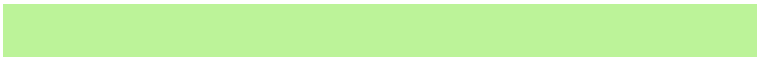
179.7050, 31.2044, 24.8147

Split Complementary

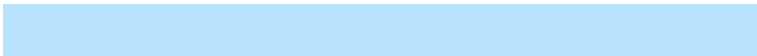
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.1930, 17.6529, 31.4027



216.2950, -31.2044, -24.8147



217.0470, 18.7108, -28.1052

Square

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



216.2950, -31.2044, -24.8147



175.8200, 39.0357, -154.1941



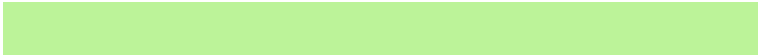
227.4110, 13.6014, 24.1956



211.3950, -22.3797, 38.2416

Rectangle

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



216.2950, -31.2044, -24.8147



196.0310, 15.7607, -108.7752



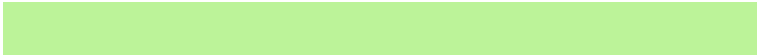
227.4110, 13.6014, 24.1956



213.0660, 6.8695, 36.7761

Sweetspot

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



216.2950, -31.2044, -24.8147



246.7250, -9.7244, -7.6518



211.6080, -28.8937, 27.5308



122.7730, -5.8041, -5.0629



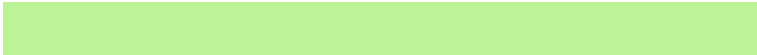
0.0000, 0.0000, 0.0000



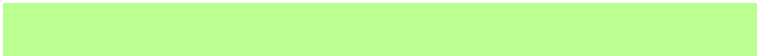
128.0000, 0.0000, 0.0000

Same Dimension

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



216.2950, -31.2044, -24.8147



221.6010, -38.7503, -31.2221



206.8560, -22.1140, -47.2317



118.5390, -4.2097, -3.1037



130.7100, -64.4400, -51.4887



41.5100, -20.4644, -16.2333

Inverse Universe

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



179.7050, 31.2044, 24.8147



176.1000, 38.8977, 30.6073



189.1440, 22.1140, 47.2317



113.7600, 4.0623, 3.7185



55.2900, 64.4400, 51.4887



17.4900, 20.4644, 16.2333

Previews

White Background



This preview shows how the YUV color 216.2950, -31.2044, -24.8147 looks on a white background.

Color Contrast Check

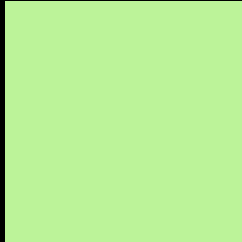
Large Text (above 18pt) WCAG AA × Fail

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 216.2950, -31.2044, -24.8147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

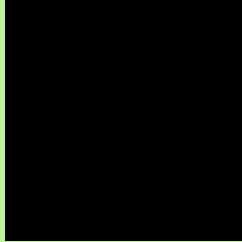
Any Text WCAG AA ✓ Pass

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 216.2950, -31.2044, -24.8147 Background



This preview shows how black text looks on a background with the YUV color 216.2950, -31.2044, -24.8147.



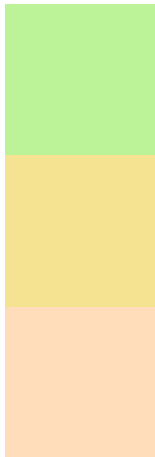
This preview shows how white text looks on a background with the YUV color 216.2950, -31.2044, -24.8147.

-24.8147.

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

216.2950, -31.2044, -24.8147

Protanopia

223.4470, -38.1814, 19.7790

Deuteranopia

227.2900, -19.8630, 24.3017



Tritanopia

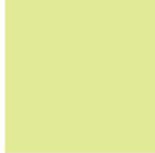
224.7940, 12.4266, -19.1133

Trichromacy



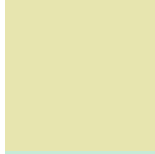
Original Color

216.2950, -31.2044, -24.8147



Protanomaly

221.0320, -35.5118, 3.4799



Deuteranomaly

223.4420, -23.8819, 6.6284



Tritanomaly

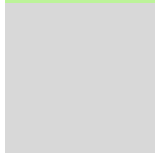
221.6570, -3.2819, -20.7472

Monochromacy



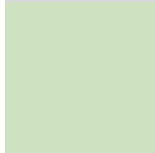
Original Color

216.2950, -31.2044, -24.8147



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

216.2580, -11.4662, -8.9963

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2950, -31.2044, -24.8147 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(188, 243, 153)` looks like.

```
.text, #text, p{  
    color:rgb(188, 243, 153)  
}
```

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(188, 243, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 243, 153) }
```

Border

The CSS property to change the border of an element to YUV 216.2950, -31.2044, -24.8147 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(188, 243, 153) }
```


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

```
.border{ border-color:rgb(188, 243, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 243, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 243, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 243, 153);  
box-shadow:4px 4px 4px 4px rgb(188, 243,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 216.2950, -31.2044, -24.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 243, 153) }
```

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

```
.background{ background-color: rgb(188,  
243, 153) }
```

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