

Converting Colors

YUV(232.2470, -14.9118,
-23.8956)

Have a look what the booklet for
YUV(232.2470, -14.9118, -23.8956)
contains.

YUV(232.2470, -14.9118, -23.8956)	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(232.2470, -14.9118,
-23.8956)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFCCA
RGB	205, 252, 202
RGB Percent	80%, 99%, 79%
CMY	0.1961, 0.0118, 0.2078
CMYK	0.19, 0.00, 0.20, 0.01
HSL	116°, 89%, 89%
HSV	116°, 20%, 99%
XYZ	70.6479, 86.8642, 68.9200
YIQ	232.2470, -11.9620, -25.5140

Conversions

Conversions Part 2

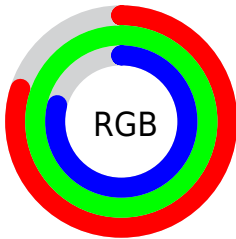
Format	Color
RYB	202, 252, 249
Decimal	13499594
CIELab	94.68, -24.15, 19.11
CIELCh	95, 30.794, 141.649
Yxy	86.8642, 0.3120, 0.3836
Android (android.graphics.Color)	4291689674 (0xFFCDFCCA)
YUV	232.2470, -14.9118, -23.8956
Hunter-Lab	93.2010, -27.7957, 21.3970

Details

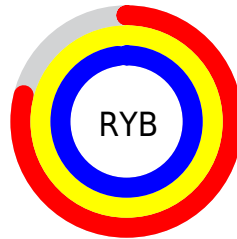
The YUV color $232.2470, -14.9118, -23.8956$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $221.7530, 14.9118, 23.8956$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.1870, -13.8962, -22.9660$ is the 20% darker color. If you saturate the color by 10%, you get $222.2210, -22.2940, -36.1508$, and if you desaturate by 10%, it is $242.2730, -7.5296, -11.6404$.

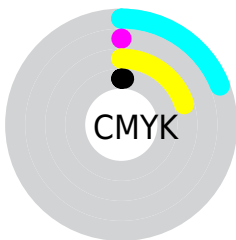
Distribution



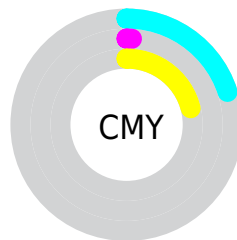
- Red (80%)
- Green (99%)
- Blue (79%)



- Red (79%)
- Yellow (99%)
- Blue (98%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)



- Cyan (20%)
- Magenta (1%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.2470, -14.9118, -23.8956 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 232.2470, -14.9118, -23.8956 by changing the saturation by 10% instead.

■ 232.2470,
-14.9118, -23.8956

■ 232.2470,
-14.9118, -23.8956

255.0000, 0.0000,
0.0000

■ 203.7740,
-14.1856, -23.4808

■ 176.1870,
-13.8962, -22.9660

■ 149.6000,
-13.6068, -22.4512

■ 123.1270,
-12.8806, -22.0364

■ 98.2410, -12.4438,
-22.1364

■ 73.7680, -11.7176,
-21.7215

■ 49.9960, -10.8440,

-21.9215

■ 26.8820, -11.2808,
-21.8215

■ 14.6750, -7.2348,
-12.8700

■ 232.2470,
-14.9118, -23.8956

■ 232.2470,
-14.9118, -23.8956

■ 222.2210,
-22.2940, -36.1508

■ 242.2730, -7.5296,
-11.6404

■ 212.4940,
-29.8235, -47.7912

■ 252.0000, 0.0000,
0.0000

■ 202.3540,
-37.6425, -59.9465

■ 253.2390, 0.8682,
1.5444

■ 192.3280,
-45.0247, -72.2017

■ 182.6010,
-52.5543, -83.8421

■ 172.5750,
-59.9365, -96.0973

■ 162.5490,
-67.3187, -108.3525

■ 152.4090,
-75.1376, -120.5077

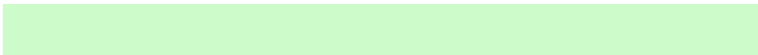
Harmonies

Analogous

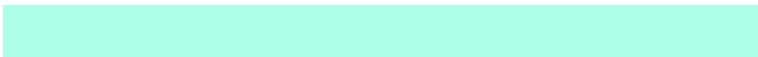
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.2520, -25.7602, 2.4100



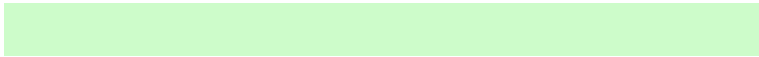
232.2470, -14.9118, -23.8956



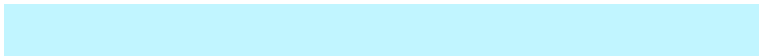
227.6320, 1.1674, -47.9123

Triad

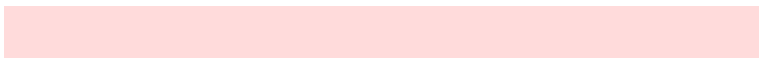
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.2470, -14.9118, -23.8956



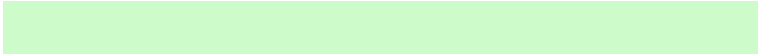
230.5920, 12.0331, -32.9682



229.7640, -5.3067, 22.1320

Complementary

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



232.2470, -14.9118, -23.8956



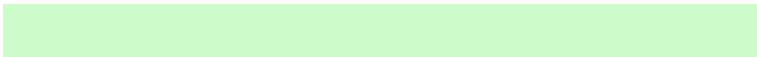
221.7530, 14.9118, 23.8956

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.



233.1840, 7.7973, 19.1326



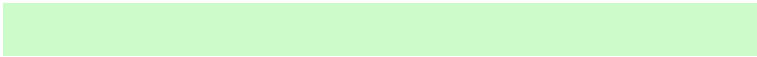
232.2470, -14.9118, -23.8956



236.6820, 9.0308, -3.2291

Square

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



232.2470, -14.9118, -23.8956



225.7200, 14.4350, -56.7594



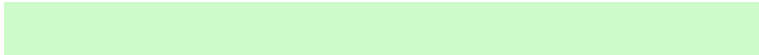
237.3900, 8.6817, 15.4440



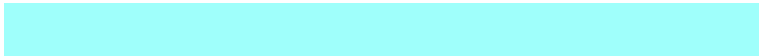
230.4360, -17.9629, 21.5426

Rectangle

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



232.2470, -14.9118, -23.8956



225.8400, 12.4039, -58.6187



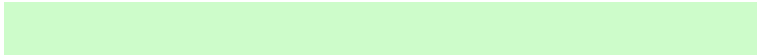
237.3900, 8.6817, 15.4440



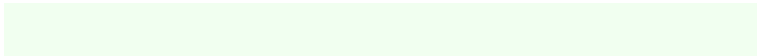
230.3170, -0.6493, 21.6470

Sweetspot

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



232.2470, -14.9118, -23.8956



249.1040, -4.4883, -7.1072



244.5390, -20.9717, 6.5433



124.2830, -2.6045, -4.6332



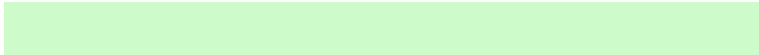
0.0000, 0.0000, 0.0000



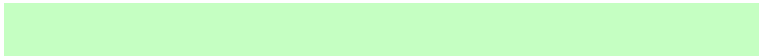
128.0000, 0.0000, 0.0000

Same Dimension

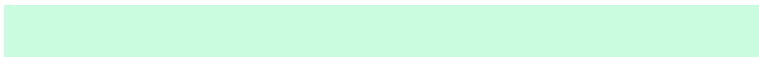
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.2470, -14.9118, -23.8956



230.7040, -18.0951, -29.5584



233.8580, -4.8600, -27.9395



119.9300, -3.9095, -6.0776



114.2320, -56.3164, -90.5345



37.0030, -18.2425, -28.9436

Inverse Universe

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



221.7530, 14.9118, 23.8956



217.9970, 18.2425, 28.9436



220.1420, 4.8600, 27.9395



117.0700, 3.9095, 6.0776



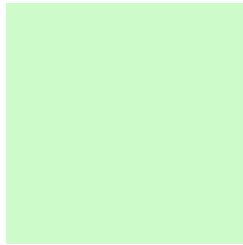
74.4690, 56.4638, 89.9197



24.2960, 18.0951, 29.5584

Previews

White Background



This preview shows how the YUV color 232.2470, -14.9118, -23.8956 looks on a white background.

Color Contrast Check

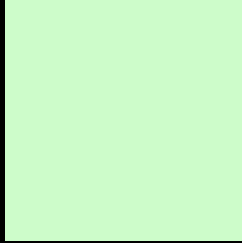
Large Text (above 18pt) WCAG AA × Fail

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 232.2470, -14.9118, -23.8956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

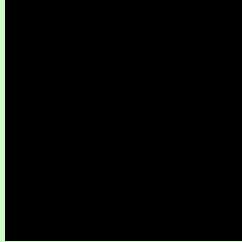
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

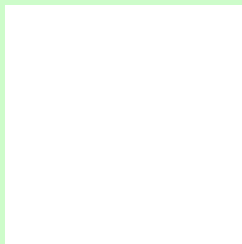
Any Text WCAG AAA ✓ Pass

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

YUV 232.2470, -14.9118, -23.8956 Background



This preview shows how black text looks on a background with the YUV color 232.2470, -14.9118, -23.8956.



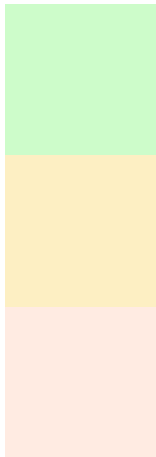
This preview shows how white text looks on a background with the YUV color 232.2470, -14.9118, -23.8956.

-23.8956.

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

232.2470, -14.9118, -23.8956

Protanopia

238.1700, -21.2828, 13.0059

Deuteranopia

239.9540, -6.8793, 13.1953



Tritanopia

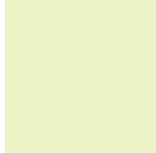
238.1000, 8.3317, -12.3657

Trichromacy



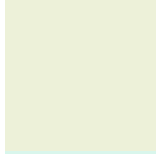
Original Color

232.2470, -14.9118, -23.8956



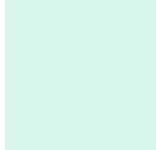
Protanomaly

236.3640, -18.9135, -0.3192



Deuteranomaly

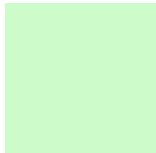
237.0680, -9.8935, -0.0596



Tritanomaly

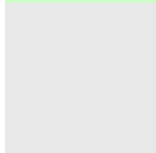
236.1890, -0.0932, -16.8288

Monochromacy



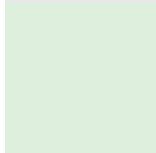
Original Color

232.2470, -14.9118, -23.8956



Achromatopsia

232.0000, 0.0000, 0.0000



Achromatomaly

231.8650, -5.3564, -8.6516

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.2470, -14.9118, -23.8956 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(205, 252, 202)` looks like.

```
.text, #text, p{  
    color:rgb(205, 252, 202)  
}
```

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(205, 252, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 252, 202) }
```

Border

The CSS property to change the border of an element to YUV 232.2470, -14.9118, -23.8956 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(205, 252, 202) }
```


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

```
.border{ border-color:rgb(205, 252, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 252, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 252, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 252, 202);  
box-shadow:4px 4px 4px 4px rgb(205, 252,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 232.2470, -14.9118, -23.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 252, 202) }
```

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

```
.background{ background-color: rgb(205,  
252, 202) }
```

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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