

Converting Colors

YUV(228.4600, -14.5238,
-8.2964)

Have a look what the booklet for
YUV(228.4600, -14.5238, -8.2964)
contains.

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Color

**YUV(228.4600, -14.5238,
-8.2964)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEFC7
RGB	219, 239, 199
RGB Percent	86%, 94%, 78%
CMY	0.1412, 0.0627, 0.2196
CMYK	0.08, 0.00, 0.17, 0.06
HSL	90°, 56%, 86%
HSV	90°, 17%, 94%
XYZ	70.3887, 80.9166, 65.9414
YIQ	228.4600, 0.9200, -16.6800

Conversions

Conversions Part 2

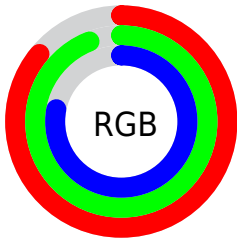
Format	Color
RYB	199, 239, 219
Decimal	14413767
CIELab	92.09, -13.56, 17.16
CIELCh	92, 21.868, 128.313
Yxy	80.9166, 0.3240, 0.3725
Android (android.graphics.Color)	4292603847 (0xFFDBEFC7)
YUV	228.4600, -14.5238, -8.2964
Hunter-Lab	89.9537, -17.7427, 19.5044

Details

The YUV color $228.4600, -14.5238, -8.2964$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $209.5400, 14.5238, 8.2964$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.9870, -13.7976, -7.8816$ is the 20% darker color. If you saturate the color by 10%, you get $222.1360, -23.2380, -13.2743$, and if you desaturate by 10%, it is $234.7840, -5.8095, -3.3186$.

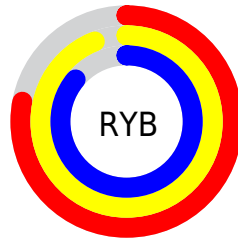
Distribution



Red (86%)

Green (94%)

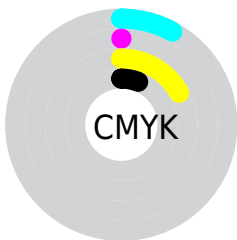
Blue (78%)



Red (78%)

Yellow (94%)

Blue (86%)

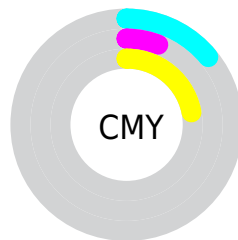


Cyan (8%)

Magenta (0%)

Yellow (17%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.4600, -14.5238, -8.2964 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 228.4600, -14.5238, -8.2964 by changing the saturation by 10% instead.

■ 228.4600,
-14.5238, -8.2964

■ 228.4600,
-14.5238, -8.2964

255.0000, 0.0000,
0.0000

■ 200.5740,
-14.0870, -8.3964

■ 172.9870,
-13.7976, -7.8816

■ 146.1010,
-13.3608, -7.9816

■ 120.5140,
-13.0714, -7.4668

■ 95.7420, -12.1978,
-7.6667

■ 71.8560, -11.7610,
-7.7667

■ 49.3830, -11.0348,

-7.3519

■ 27.5250, -13.0768,
-5.7224

■ 8.2180, -4.0515,
-7.2072

■ 228.4600,
-14.5238, -8.2964

■ 228.4600,
-14.5238, -8.2964

■ 222.1360,
-23.2380, -13.2743

■ 234.7840, -5.8095,
-3.3186

■ 215.8120,
-31.9523, -18.2521

■ 241.1080, 2.9048,
1.6593

■ 209.4880,
-40.6666, -23.2300

■ 245.6080, 4.6303,
8.2368

■ 203.1640,
-49.3809, -28.2078

■ 196.9540,
-57.6583, -33.2857

■ 190.6300,
-66.3726, -38.2635

■ 184.3060,
-75.0869, -43.2414

■ 177.9820,
-83.8011, -48.2192

■ 175.8740,
-86.7059, -49.8785

Harmonies

Analogous

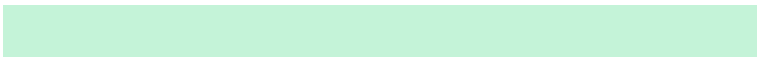
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.2020, -19.8196, 10.3468



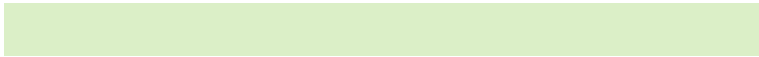
228.4600, -14.5238, -8.2964



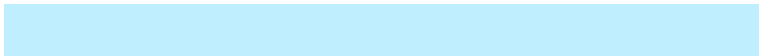
225.8690, -4.8654, -26.1951

Triad

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



228.4600, -14.5238, -8.2964



226.4720, 14.0643, -31.1089



230.0890, -1.5229, 21.8469

Complementary

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



228.4600, -14.5238, -8.2964



209.5400, 14.5238, 8.2964

Split Complementary

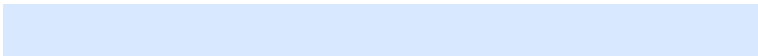
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.6570, 7.0711, 18.7178



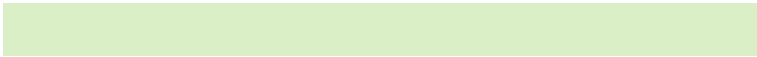
228.4600, -14.5238, -8.2964



229.8380, 12.4049, -12.1359

Square

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



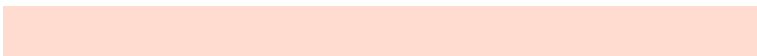
228.4600, -14.5238, -8.2964



224.6340, 14.9704, -41.7750



233.8020, 10.4506, 8.0666



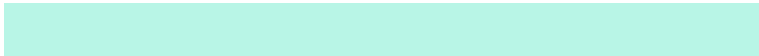
228.9830, -10.8376, 22.8169

Rectangle

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



228.4600, -14.5238, -8.2964



225.0510, 2.4399, -36.0017



233.8020, 10.4506, 8.0666



230.8870, 1.5347, 21.1471

Sweetspot

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



228.4600, -14.5238, -8.2964



251.7240, -4.7939, -2.3889



222.7000, -11.6841, 14.2951



125.8920, -2.9048, -1.6593



0.0000, 0.0000, 0.0000



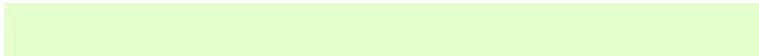
128.0000, 0.0000, 0.0000

Same Dimension

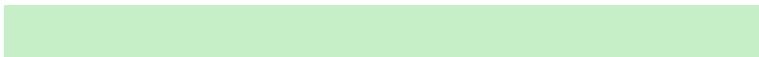
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.4600, -14.5238, -8.2964



241.4120, -18.4441, -10.8853



222.4800, -11.5756, -20.5920



116.8380, -4.3571, -2.4889



135.5160, -66.8094, -38.1635



41.2440, -20.3333, -11.6150

Inverse Universe

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



209.5400, 14.5238, 8.2964



217.5880, 18.4441, 10.8853



215.5200, 11.5756, 20.5920



111.1620, 4.3571, 2.4889



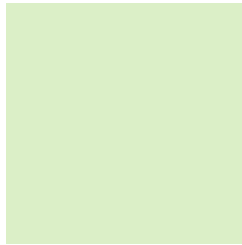
48.4840, 66.8094, 38.1635



14.7560, 20.3333, 11.6150

Previews

White Background



This preview shows how the YUV color 228.4600, -14.5238, -8.2964 looks on a white background.

Color Contrast Check

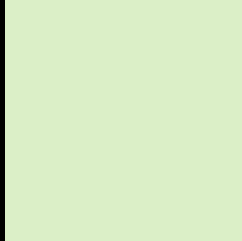
Large Text (above 18pt) WCAG AA × Fail

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 228.4600, -14.5238, -8.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

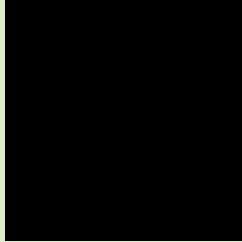
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

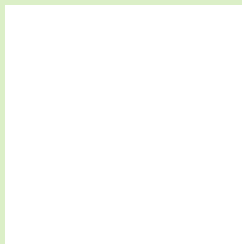
Any Text WCAG AAA ✓ Pass

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

YUV 228.4600, -14.5238, -8.2964 Background



This preview shows how black text looks on a background with the YUV color 228.4600, -14.5238, -8.2964.



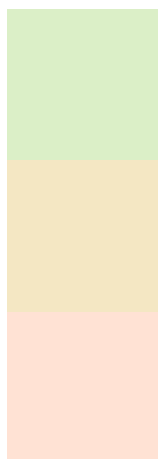
This preview shows how white text looks on a background with the YUV color 228.4600, -14.5238, -8.2964.

-8.2964.

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

228.4600, -14.5238, -8.2964

Protanopia

230.7830, -17.6410, 11.5913

Deuteranopia

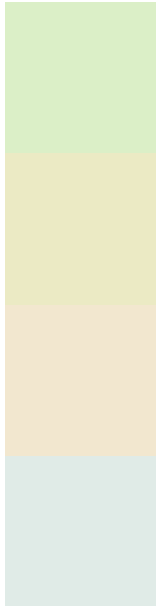
233.0750, -10.3900, 19.2282



Tritanopia

232.5570, 8.5994, -4.8735

Trichromacy



Original Color

228.4600, -14.5238, -8.2964

Protanomaly

229.9670, -16.7457, 4.4139

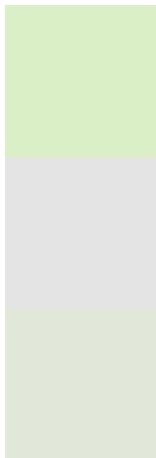
Deuteranomaly

231.5530, -12.1046, 9.1620

Tritanomaly

231.2550, -0.1257, -6.3626

Monochromacy



Original Color

228.4600, -14.5238, -8.2964

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.1970, -5.5201, -2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.4600, -14.5238, -8.2964 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(219, 239, 199)` looks like.

```
.text, #text, p{  
    color:rgb(219, 239, 199)  
}
```

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(219, 239, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 239, 199) }
```

Border

The CSS property to change the border of an element to YUV 228.4600, -14.5238, -8.2964 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(219, 239, 199) }
```


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

```
.border{ border-color:rgb(219, 239, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 239, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 239, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 239, 199);  
box-shadow:4px 4px 4px 4px rgb(219, 239,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 228.4600, -14.5238, -8.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 239, 199) }
```

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

```
.background{ background-color: rgb(219,  
239, 199) }
```

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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