

Converting Colors

YUV(229.9250, -6.3720, -9.5812)

Have a look what the booklet for
YUV(229.9250, -6.3720, -9.5812)
contains.

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Color

**YUV(229.9250, -6.3720,
-9.5812)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEED9
RGB	219, 238, 217
RGB Percent	86%, 93%, 85%
CMY	0.1412, 0.0667, 0.1490
CMYK	0.08, 0.00, 0.09, 0.07
HSL	114°, 38%, 89%
HSV	114°, 9%, 93%
XYZ	72.3123, 81.2189, 77.5112
YIQ	229.9250, -4.5830, -10.5590

Conversions

Conversions Part 2

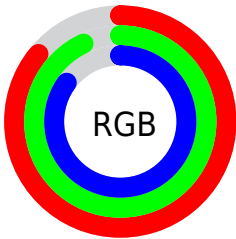
Format	Color
RYB	217, 238, 236
Decimal	14413529
CIELab	92.23, -10.05, 8.02
CIELCh	92, 12.861, 141.410
Yxy	81.2189, 0.3130, 0.3515
Android (android.graphics.Color)	4292603609 (0xFFDBEED9)
YUV	229.9250, -6.3720, -9.5812
Hunter-Lab	90.1215, -14.4866, 12.0913

Details

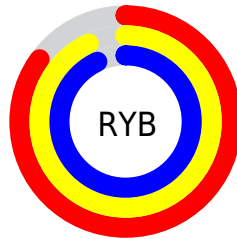
The YUV color $229.9250, -6.3720, -9.5812$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $225.0750, 6.3720, 9.5812$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.3380, -6.0826, -9.0664$ is the 20% darker color. If you saturate the color by 10%, you get $220.6110, -13.6122, -20.7068$, and if you desaturate by 10%, it is $239.2390, 0.8682, 1.5444$.

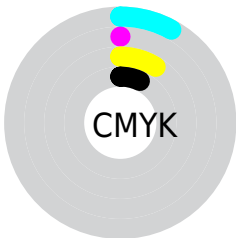
Distribution



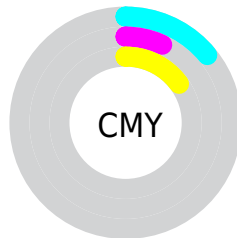
- Red (86%)
- Green (93%)
- Blue (85%)



- Red (85%)
- Yellow (93%)
- Blue (93%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.9250, -6.3720, -9.5812 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 229.9250, -6.3720, -9.5812 by changing the saturation by 10% instead.

■ 229.9250, -6.3720,
-9.5812

■ 229.9250, -6.3720,
-9.5812

255.0000, 0.0000,
0.0000

■ 201.9250, -6.3720,
-9.5812

■ 174.3380, -6.0826,
-9.0664

■ 147.7510, -5.7932,
-8.5516

■ 121.8650, -5.3564,
-8.6516

■ 97.1640, -5.5039,
-8.0368

■ 73.2780, -5.0671,
-8.1368

■ 50.6910, -4.7777,

-7.6220

■ 29.2180, -4.0515,
-7.2072

■ 8.8050, -4.3409,
-7.7220

■ 229.9250, -6.3720,
-9.5812

■ 229.9250, -6.3720,
-9.5812

■ 220.6110,
-13.6122, -20.7068

■ 239.2390, 0.8682,
1.5444

■ 211.5960,
-20.9998, -31.2177

■ 245.0210, 4.9196,
8.7516

■ 202.3960,
-27.8032, -42.4433

■ 193.3810,
-35.1908, -52.9541

■ 184.0670,
-42.4310, -64.0798

■ 175.0520,
-49.8186, -74.5906

■ 165.7380,
-57.0588, -85.7162

■ 156.8370,
-64.0096, -96.3270

■ 147.5230,
-71.2498, -107.4527

Harmonies

Analogous

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



231.5520, -10.6251, 1.2699



229.9250, -6.3720, -9.5812



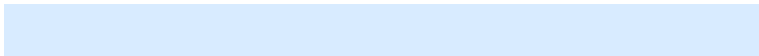
228.8790, 0.0597, -19.1879

Triad

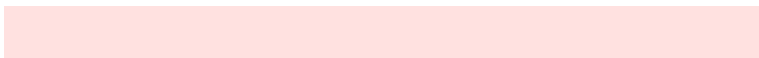
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.9250, -6.3720, -9.5812



231.5990, 11.5367, -13.6803



233.8560, -4.8590, 18.5433

Complementary

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



229.9250, -6.3720, -9.5812



225.0750, 6.3720, 9.5812

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.



235.3380, 0.8194, 17.2436



229.9250, -6.3720, -9.5812



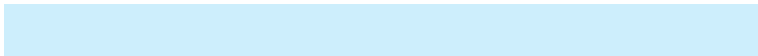
233.7360, 10.4832, -2.3995

Square

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



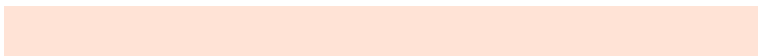
229.9250, -6.3720, -9.5812



229.7290, 10.9796, -21.6873



235.0750, 6.3720, 9.5812



233.8900, -9.8058, 18.5135

Rectangle

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



229.9250, -6.3720, -9.5812



228.5950, 4.1437, -22.4468



235.0750, 6.3720, 9.5812



233.7250, -2.8224, 18.6582

Sweetspot

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



229.9250, -6.3720, -9.5812



251.9950, -2.4625, -3.5036



234.4320, -8.5940, 3.1291



125.8210, -1.8838, -2.4740



0.0000, 0.0000, 0.0000



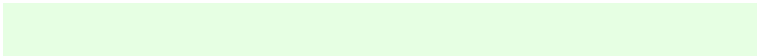
128.0000, 0.0000, 0.0000

Same Dimension

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



229.9250, -6.3720, -9.5812



244.3330, -8.5452, -12.5700



230.2390, -2.5828, -11.6106



115.3430, -3.6201, -5.5628



113.0910, -55.7539, -84.2718



34.3670, -16.9429, -25.7549

Inverse Universe

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



225.0750, 6.3720, 9.5812



237.6670, 8.5452, 12.5700



224.7610, 2.5828, 11.6106



112.6570, 3.6201, 5.5628



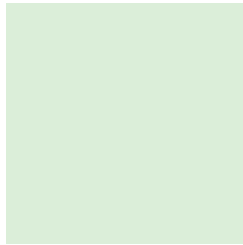
70.6100, 55.9013, 83.6570



21.6330, 16.9429, 25.7549

Previews

White Background



This preview shows how the YUV color 229.9250, -6.3720, -9.5812 looks on a white background.

Color Contrast Check

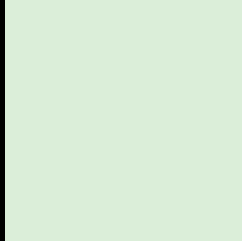
Large Text (above 18pt) WCAG AA × Fail

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 229.9250, -6.3720, -9.5812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

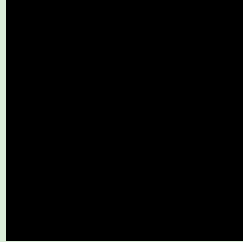
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

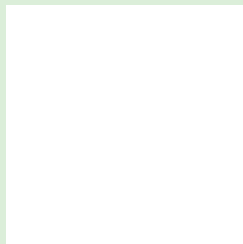
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.9250, -6.3720, -9.5812

Background



This preview shows how black text looks on a background with the YUV color 229.9250, -6.3720, -9.5812.



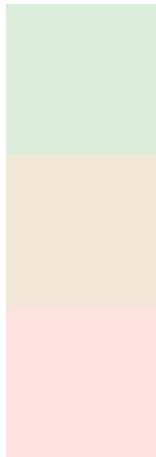
This preview shows how white text looks on a background with the YUV color 229.9250, -6.3720, -9.5812.

-9.5812.

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

229.9250, -6.3720, -9.5812

Protanopia

232.6390, -9.1890, 7.3326

Deuteranopia

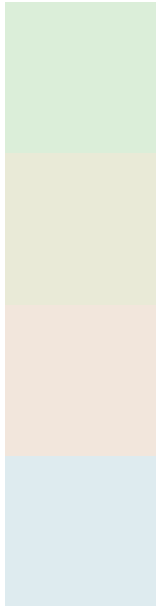
234.2150, -6.0220, 18.2284



Tritanopia

232.3610, 9.1890, -7.3326

Trichromacy



Original Color

229.9250, -6.3720, -9.5812

Protanomaly

231.5350, -8.1518, 1.2848

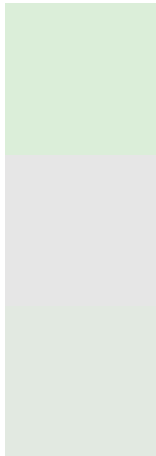
Deuteranomaly

232.4480, -6.1369, 8.3771

Tritanomaly

231.5690, 3.6635, -8.3920

Monochromacy



Original Color

229.9250, -6.3720, -9.5812

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.9250, -6.3720, -9.5812 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, 238, 217)` looks like.

```
.text, #text, p{  
    color:rgb(219, 238, 217)  
}
```

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, 238, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 238, 217) }
```

Border

The CSS property to change the border of an element to YUV 229.9250, -6.3720, -9.5812 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, 238, 217) }
```


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

```
.border{ border-color:rgb(219, 238, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 238, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 238, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 238, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 238,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 229.9250, -6.3720, -9.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 238, 217) }
```

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

```
.background{ background-color: rgb(219,  
238, 217) }
```

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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