

Converting Colors

YUV(221.4260, -9.5770, -8.2666)

Have a look what the booklet for
YUV(221.4260, -9.5770, -8.2666)
contains.

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Color

**YUV(221.4260, -9.5770,
-8.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E6CA
RGB	212, 230, 202
RGB Percent	83%, 90%, 79%
CMY	0.1686, 0.0980, 0.2078
CMYK	0.08, 0.00, 0.12, 0.10
HSL	99°, 36%, 85%
HSV	99°, 12%, 90%
XYZ	66.1089, 74.8549, 66.8413
YIQ	221.4260, -1.7400, -12.5240

Conversions

Conversions Part 2

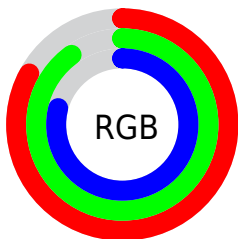
Format	Color
R _Y B	202, 230, 220
Decimal	13952714
CIE Lab	89.33, -10.98, 11.62
CIE LCh	89, 15.985, 133.385
Yxy	74.8549, 0.3181, 0.3602
Android (android.graphics.Color)	4292142794 (0xFFD4E6CA)
YUV	221.4260, -9.5770, -8.2666
Hunter-Lab	86.5188, -15.0162, 14.7578

Details

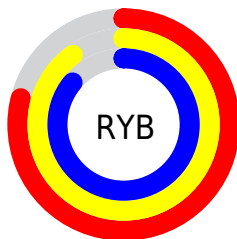
The YUV color **221.4260, -9.5770, -8.2666** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **210.5740, 9.5770, 8.2666**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **165.9530, -8.8508, -7.8518** is the 20% darker color. If you saturate the color by 10%, you get **214.3190, -17.4123, -15.1888**, and if you desaturate by 10%, it is **228.5330, -1.7418, -1.3444**.

Distribution



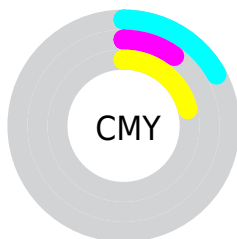
- Red (83%)
- Green (90%)
- Blue (79%)



- Red (79%)
- Yellow (90%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (17%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.4260, -9.5770, -8.2666 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 221.4260, -9.5770, -8.2666 by changing the saturation by 10% instead.

■ 221.4260, -9.5770,
-8.2666

■ 221.4260, -9.5770,
-8.2666

255.0000, 0.0000,
0.0000

■ 193.5400, -9.1402,
-8.3666

■ 165.9530, -8.8508,
-7.8518

■ 139.9530, -8.8508,
-7.8518

■ 114.3660, -8.5614,
-7.3370

■ 89.7790, -8.2720,
-6.8222

■ 66.0070, -7.3985,
-7.0221

■ 44.1210, -6.9617,

-7.1221

■ 23.2630, -9.0037,
-5.4927

■ 0.0000, 0.0000,
0.0000

■ 221.4260, -9.5770,
-8.2666

■ 221.4260, -9.5770,
-8.2666

■ 214.3190,
-17.4123, -15.1888

■ 228.5330, -1.7418,
-1.3444

■ 207.2120,
-25.2475, -22.1109

■ 235.6400, 6.0935,
5.5777

■ 200.4040,
-33.2302, -28.4183

■ 240.3250, 7.2348,
12.8700

■ 193.2970,
-41.0654, -35.3405

■ 186.1900,
-48.9007, -42.2626

■ 179.0830,
-56.7359, -49.1848

■ 172.2750,
-64.7186, -55.4922

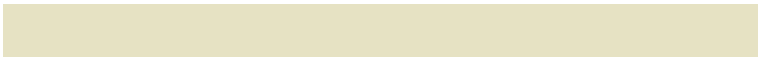
■ 165.1680,
-72.5538, -62.4143

■ 159.5280,
-78.6473, -67.9921

Harmonies

Analogous

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



223.6620, -14.1304, 5.5584



221.4260, -9.5770, -8.2666



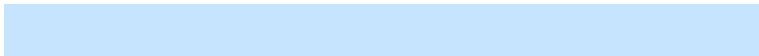
219.8850, -2.4083, -20.9471

Triad

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



221.4260, -9.5770, -8.2666



221.8800, 15.3422, -20.9428



226.7150, -4.2965, 24.8059

Complementary

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



221.4260, -9.5770, -8.2666



210.5740, 9.5770, 8.2666

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.



227.6310, 3.1399, 19.6176



221.4260, -9.5770, -8.2666



224.7400, 14.4252, -6.7880

Square

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



221.4260, -9.5770, -8.2666



220.0270, 12.3117, -28.9647



226.6880, 10.0138, 8.1666



226.2930, -10.9904, 25.1760

Rectangle

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



221.4260, -9.5770, -8.2666



219.6330, 3.1389, -26.8651



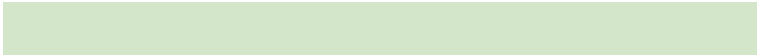
226.6880, 10.0138, 8.1666



227.2850, -2.1125, 24.3061

Sweetspot

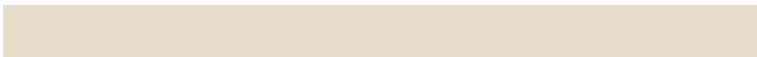
The Sweet Spot groups the original color and five complimentary colors.



221.4260, -9.5770, -8.2666



251.7670, -3.3361, -3.3037



220.9380, -9.3364, 7.9474



125.7070, -2.3206, -2.3740



0.0000, 0.0000, 0.0000



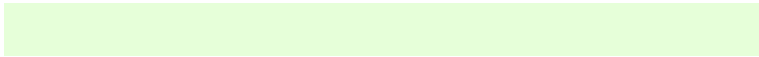
128.0000, 0.0000, 0.0000

Same Dimension

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



221.4260, -9.5770, -8.2666



243.1930, -12.9131, -11.5703



218.8920, -6.3558, -14.8143



111.2400, -4.0623, -3.7185



124.2090, -61.2350, -52.8033



35.3190, -17.4123, -15.1888

Inverse Universe

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



210.5740, 9.5770, 8.2666



228.5080, 13.0606, 10.9555



213.1080, 6.3558, 14.8143



106.7600, 4.0623, 3.7185



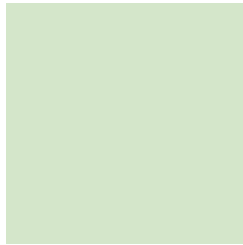
54.7910, 61.2350, 52.8033



15.6810, 17.4123, 15.1888

Previews

White Background



This preview shows how the YUV color 221.4260, -9.5770, -8.2666 looks on a white background.

Color Contrast Check

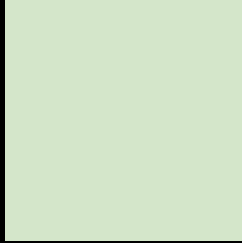
Large Text (above 18pt) WCAG AA × Fail

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 221.4260, -9.5770, -8.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

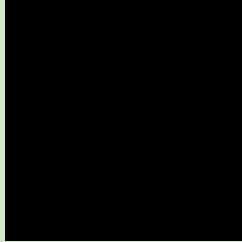
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

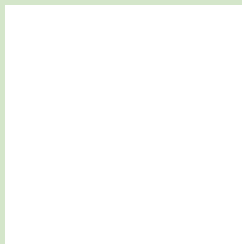
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.4260, -9.5770, -8.2666

Background



This preview shows how black text looks on a background with the YUV color 221.4260, -9.5770, -8.2666.



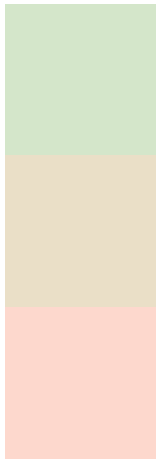
This preview shows how white text looks on a background with the YUV color 221.4260, -9.5770,

-8.2666.

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

221.4260, -9.5770, -8.2666

Protanopia

223.5530, -12.1046, 9.1620

Deuteranopia

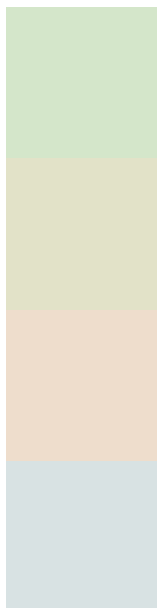
225.8090, -10.2588, 23.8465



Tritanopia

224.2580, 8.7468, -5.4883

Trichromacy



Original Color

221.4260, -9.5770, -8.2666

Protanomaly

223.0360, -11.3567, 2.5994

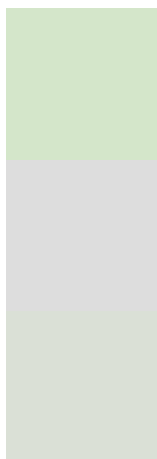
Deuteranomaly

224.1450, -9.9315, 12.1508

Tritanomaly

223.1240, 1.9109, -6.2477

Monochromacy



Original Color

221.4260, -9.5770, -8.2666

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.0660, -3.4835, -2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.4260, -9.5770, -8.2666 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(212, 230, 202)` looks like.

```
.text, #text, p{  
    color:rgb(212, 230, 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(212, 230, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 230, 202) }
```

Border

The CSS property to change the border of an element to YUV 221.4260, -9.5770, -8.2666 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(212, 230, 202) }
```


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

```
.border{ border-color:rgb(212, 230, 202) }
```

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

Here you see how a box with a 4 pixel rgb(212, 230, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 230, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 230, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 230,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 221.4260, -9.5770, -8.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 230, 202) }
```

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

```
.background{ background-color: rgb(212,  
230, 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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