

Converting Colors

YUV(221.0780, -28.6325,
-9.7154)

Have a look what the booklet for
YUV(221.0780, -28.6325, -9.7154)
contains.

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Color

**YUV(221.0780, -28.6325,
-9.7154)**

Conversions

Conversions Part 1

Format	Color
Hex	D2EEA3
RGB	210, 238, 163
RGB Percent	82%, 93%, 64%
CMY	0.1765, 0.0667, 0.3608
CMYK	0.12, 0.00, 0.32, 0.07
HSL	82°, 69%, 79%
HSV	82°, 32%, 93%
XYZ	63.7637, 77.4951, 46.2477
YIQ	221.0780, 7.3870, -29.2610

Conversions

Conversions Part 2

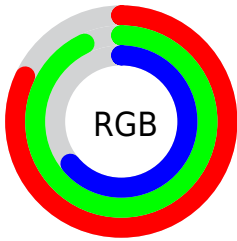
Format	Color
RYB	163, 238, 191
Decimal	13823651
CIELab	90.55, -21.56, 33.37
CIELCh	91, 39.724, 122.867
Yxy	77.4951, 0.3401, 0.4133
Android (android.graphics.Color)	4292013731 (0xFFD2EEA3)
YUV	221.0780, -28.6325, -9.7154
Hunter-Lab	88.0313, -24.7617, 30.4736

Details

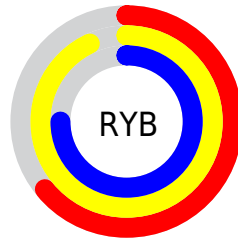
The YUV color **221.0780, -28.6325, -9.7154** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **179.9220, 28.6325, 9.7154**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.7820, -16.1615, 3.6992**, and **165.7190, -27.4695, -9.4006** is the 20% darker color. If you saturate the color by 10%, you get **215.6510, -37.7889, -12.8489**, and if you desaturate by 10%, it is **226.5050, -19.4760, -6.5819**.

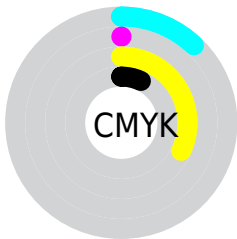
Distribution



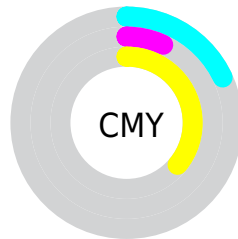
- Red (82%)
- Green (93%)
- Blue (64%)



- Red (64%)
- Yellow (93%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.0780, -28.6325, -9.7154 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 221.0780, -28.6325, -9.7154 by changing the saturation by 10% instead.

■ 221.0780,
-28.6325, -9.7154

■ 221.0780,
-28.6325, -9.7154

255.0000, 0.0000,
0.0000

■ 193.1920,
-28.1957, -9.8154

■ 250.7820,
-16.1615, 3.6992

■ 165.7190,
-27.4695, -9.4006

■ 254.0880, -3.4944,
0.7998

■ 138.9470,
-26.5959, -9.6005

■ 113.1750,
-25.7223, -9.8005

■ 88.4030, -24.8487,
-10.0004

■ 64.2890, -25.2855,
-9.9005

■ 41.8420, -20.6281,

-10.3854

■ 21.1430, -10.4235,
-16.7884

■ 2.3480, -1.1576,
-2.0592

■ 221.0780,
-28.6325, -9.7154

■ 221.0780,
-28.6325, -9.7154

■ 215.6510,
-37.7889, -12.8489

■ 226.5050,
-19.4760, -6.5819

■ 210.2240,
-46.9454, -15.9824

■ 231.9320,
-10.3195, -3.4484

■ 204.9110,
-55.6651, -19.2159

■ 237.2450, -1.5998,
-0.2149

■ 199.4840,
-64.8216, -22.3495

■ 242.3300, 6.2463,
3.2186

■ 194.3560,
-74.1255, -24.8682

■ 244.7220, 5.0671,
8.1368

■ 188.9290,
-83.2820, -28.0017

■ 245.0210, 4.9196,
8.7516

■ 184.2570,
-90.8387, -30.9204

Harmonies

Analogous

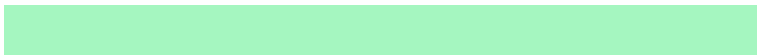
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.6260, -36.2976, 22.2530



221.0780, -28.6325, -9.7154



215.6250, -11.6471, -44.3981

Triad

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



221.0780, -28.6325, -9.7154



208.5100, 22.9196, -71.4843



218.8220, 3.5388, 31.7281

Complementary

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



221.0780, -28.6325, -9.7154



179.9220, 28.6325, 9.7154

Split Complementary

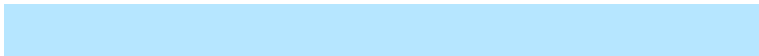
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.6500, 14.4696, 25.7400



221.0780, -28.6325, -9.7154



218.4980, 17.9955, -32.0087

Square

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



221.0780, -28.6325, -9.7154



203.6600, 25.3106, -91.7868



227.6110, 13.5028, 9.1112



216.8380, -14.2171, 33.4681

Rectangle

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



221.0780, -28.6325, -9.7154



210.9780, 2.9688, -65.7557



227.6110, 13.5028, 9.1112



220.8910, 8.9277, 29.9136

Sweetspot

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



221.0780, -28.6325, -9.7154



249.6870, -8.7197, -3.2335



201.8610, -19.1585, 31.6939



124.4960, -5.6675, -2.1890



0.0000, 0.0000, 0.0000



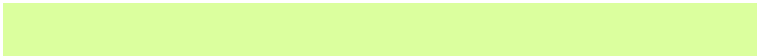
128.0000, 0.0000, 0.0000

Same Dimension

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



221.0780, -28.6325, -9.7154



233.1780, -37.0628, -12.4341



210.0150, -23.1784, -32.4622



117.1370, -4.5045, -1.8741



142.3930, -70.1997, -24.0237



43.3370, -21.3651, -7.3115

Inverse Universe

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



179.9220, 28.6325, 9.7154



179.8220, 37.0628, 12.4341



190.9850, 23.1784, 32.4622



110.5640, 4.6519, 1.2594



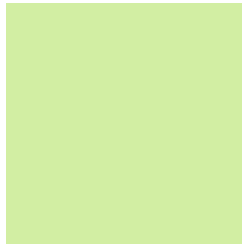
41.6070, 70.1997, 24.0237



12.6630, 21.3651, 7.3115

Previews

White Background



This preview shows how the YUV color 221.0780, -28.6325, -9.7154 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 221.0780, -28.6325, -9.7154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

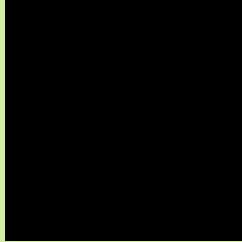
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

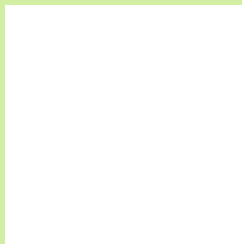
Any Text WCAG AAA ✓ Pass

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

YUV 221.0780, -28.6325, -9.7154 Background



This preview shows how black text looks on a background with the YUV color 221.0780, -28.6325, -9.7154.



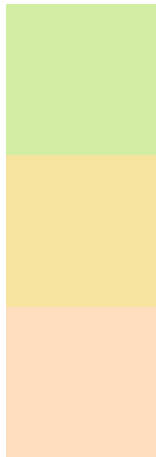
This preview shows how white text looks on a background with the YUV color 221.0780, -28.6325, -9.7154.

-9.7154.

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

221.0780, -28.6325, -9.7154

Protanopia

224.8150, -32.9398, 18.5792

Deuteranopia

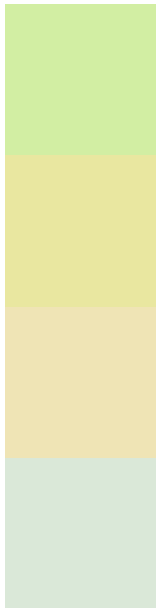
228.4470, -17.9684, 23.2870



Tritanopia

228.2580, 8.7468, -5.4883

Trichromacy



Original Color

221.0780, -28.6325, -9.7154

Protanomaly

223.5040, -31.3075, 8.3280

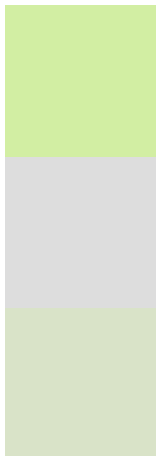
Deuteranomaly

225.9310, -22.1510, 11.4615

Tritanomaly

225.9900, -4.9251, -7.0072

Monochromacy



Original Color

221.0780, -28.6325, -9.7154

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9320, -10.3195, -3.4484

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.0780, -28.6325, -9.7154 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(210, 238, 163)` looks like.

```
.text, #text, p{  
    color:rgb(210, 238, 163)  
}
```

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(210, 238, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 238, 163) }
```

Border

The CSS property to change the border of an element to YUV 221.0780, -28.6325, -9.7154 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(210, 238, 163) }
```


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

```
.border{ border-color:rgb(210, 238, 163) }
```

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

Here you see how a box with a 4 pixel rgb(210, 238, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 238, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 238, 163);  
box-shadow:4px 4px 4px 4px rgb(210, 238,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 221.0780, -28.6325, -9.7154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 238, 163) }
```

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

```
.background{ background-color: rgb(210,  
238, 163) }
```

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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