

Converting Colors

YUV(227.0070, -27.6115,
-10.5301)

Have a look what the booklet for
YUV(227.0070, -27.6115, -10.5301)
contains.

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Color

**YUV(227.0070, -27.6115,
-10.5301)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F4AB
RGB	215, 244, 171
RGB Percent	84%, 96%, 67%
CMY	0.1569, 0.0431, 0.3294
CMYK	0.12, 0.00, 0.30, 0.04
HSL	84°, 77%, 81%
HSV	84°, 30%, 96%
XYZ	67.7257, 82.0887, 50.8033
YIQ	227.0070, 6.1490, -28.8510

Conversions

Conversions Part 2

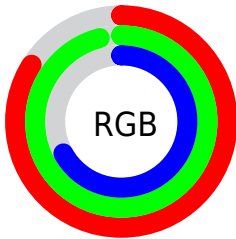
Format	Color
RYB	171, 244, 200
Decimal	14152875
CIELab	92.61, -21.57, 32.14
CIElCh	93, 38.712, 123.869
Yxy	82.0887, 0.3376, 0.4092
Android (android.graphics.Color)	4292342955 (0xFFD7F4AB)
YUV	227.0070, -27.6115, -10.5301
Hunter-Lab	90.6028, -25.1260, 30.1766

Details

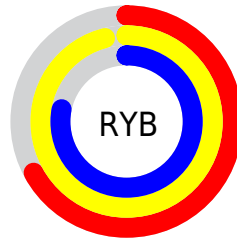
The YUV color $227.0070, -27.6115, -10.5301$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $187.9930, 27.6115, 10.5301$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.8080, -12.2303, 2.7994$, and $171.3490, -26.3011, -10.8301$ is the 20% darker color. If you saturate the color by 10%, you get $221.2810, -36.6205, -14.2784$, and if you desaturate by 10%, it is $232.7330, -18.6024, -6.7818$.

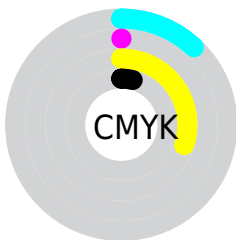
Distribution



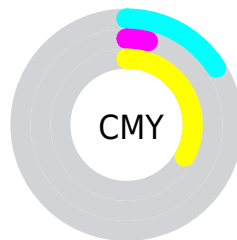
- Red (84%)
- Green (96%)
- Blue (67%)



- Red (67%)
- Yellow (96%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.0070, -27.6115, -10.5301 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 227.0070, -27.6115, -10.5301 by changing the saturation by 10% instead.

■ 227.0070,
-27.6115, -10.5301

■ 227.0070,
-27.6115, -10.5301

255.0000, 0.0000,
0.0000

■ 199.1210,
-27.1747, -10.6301

■ 251.8080,
-12.2303, 2.7994

■ 171.3490,
-26.3011, -10.8301

■ 144.8760,
-25.5749, -10.4153

■ 118.4030,
-24.8487, -10.0004

■ 93.6310, -23.9751,
-10.2004

■ 69.3320, -23.8277,
-10.8152

■ 45.9730, -22.6647,

-10.5003

■ 25.5840, -12.6129,
-14.5442

■ 9.9790, -4.9196,
-8.7516

■ 227.0070,
-27.6115, -10.5301

■ 227.0070,
-27.6115, -10.5301

■ 221.2810,
-36.6205, -14.2784

■ 232.7330,
-18.6024, -6.7818

■ 215.7400,
-46.2138, -17.3120

■ 238.2740, -9.0091,
-3.7483

■ 210.0140,
-55.2229, -21.0603

■ 244.0000, 0.0000,
0.0000

■ 204.1740,
-64.6688, -24.7086

■ 248.2440, 3.3307,
5.0480

■ 198.7470,
-73.8253, -27.8421

■ 248.5430, 3.1833,
5.6628

■ 193.0210,
-82.8344, -31.5904

■ 187.1810,
-92.2802, -35.2387

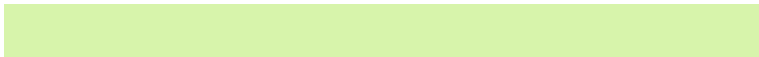
Harmonies

Analogous

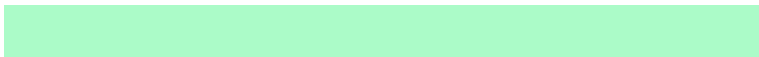
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.1420, -35.5660, 20.9235



227.0070, -27.6115, -10.5301



221.2660, -10.4841, -44.0833

Triad

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



227.0070, -27.6115, -10.5301



215.0330, 19.7037, -66.6809



223.3870, 3.2602, 27.7246

Complementary

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



227.0070, -27.6115, -10.5301



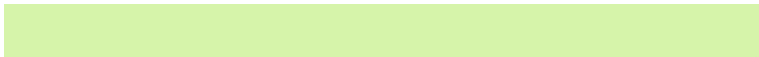
187.9930, 27.6115, 10.5301

Split Complementary

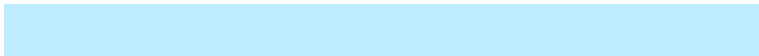
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.1720, 12.7332, 22.6512



227.0070, -27.6115, -10.5301



225.0100, 14.7851, -28.9498

Square

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



227.0070, -27.6115, -10.5301



211.0690, 21.6580, -86.8835



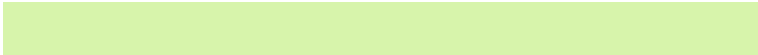
232.6390, 11.0240, 10.8406



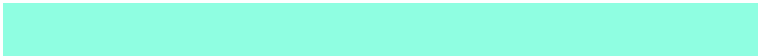
221.6310, -13.6221, 29.2646

Rectangle

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



227.0070, -27.6115, -10.5301



217.5050, 3.6950, -65.3409



232.6390, 11.0240, 10.8406



225.4560, 8.6492, 25.9101

Sweetspot

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



227.0070, -27.6115, -10.5301



249.6870, -8.7197, -3.2335



209.2630, -18.8637, 30.4643



124.4960, -5.6675, -2.1890



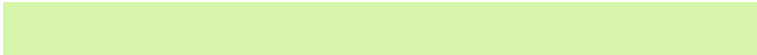
0.0000, 0.0000, 0.0000



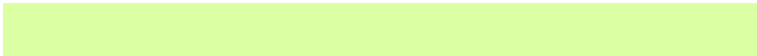
128.0000, 0.0000, 0.0000

Same Dimension

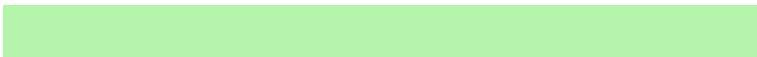
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.0070, -27.6115, -10.5301



233.7480, -34.8788, -12.9340



216.5420, -22.4522, -32.0473



119.4360, -4.6519, -1.2594



142.6700, -70.3363, -26.8976



45.0980, -22.2333, -8.8559

Inverse Universe

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



187.9930, 27.6115, 10.5301



184.5510, 34.7314, 13.5488



198.4580, 22.4522, 32.0473



112.8630, 4.5045, 1.8741



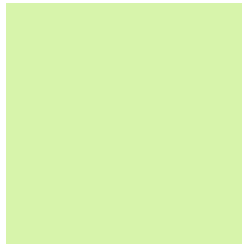
43.3300, 70.3363, 26.8976



13.6030, 22.3807, 8.2412

Previews

White Background



This preview shows how the YUV color 227.0070, -27.6115, -10.5301 looks on a white background.

Color Contrast Check

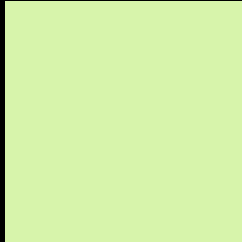
Large Text (above 18pt) WCAG AA × Fail

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 227.0070, -27.6115, -10.5301 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 227.0070, -27.6115, -10.5301 Background



This preview shows how black text looks on a background with the YUV color 227.0070, -27.6115, -10.5301.



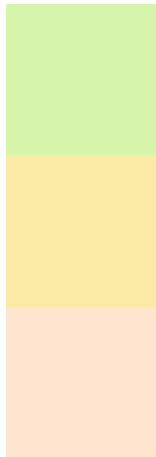
This preview shows how white text looks on a background with the YUV color 227.0070, -27.6115, -10.5301.

-10.5301.

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

227.0070, -27.6115, -10.5301

Protanopia

230.7440, -31.9188, 17.7645

Deuteranopia

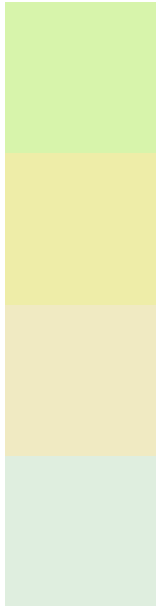
234.2660, -13.4421, 18.1837



Tritanopia

233.9590, 8.8942, -6.1030

Trichromacy



Original Color

227.0070, -27.6115, -10.5301

Protanomaly

229.4330, -30.2865, 7.5133

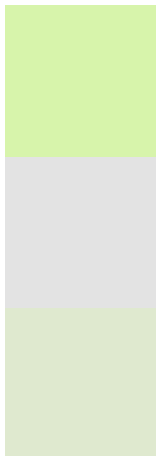
Deuteranomaly

231.2340, -18.3564, 7.6878

Tritanomaly

231.8050, -4.3409, -7.7220

Monochromacy



Original Color

227.0070, -27.6115, -10.5301

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.0460, -9.8827, -3.5483

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.0070, -27.6115, -10.5301 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(215, 244, 171)` looks like.

```
.text, #text, p{  
    color:rgb(215, 244, 171)  
}
```

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(215, 244, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 244, 171) }
```

Border

The CSS property to change the border of an element to YUV 227.0070, -27.6115, -10.5301 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(215, 244, 171) }
```


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

```
.border{ border-color:rgb(215, 244, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 244, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 244, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 244, 171);  
box-shadow:4px 4px 4px 4px rgb(215, 244,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 227.0070, -27.6115, -10.5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 244, 171) }
```

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

```
.background{ background-color: rgb(215,  
244, 171) }
```

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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