

Converting Colors

YUV(233.5020, -11.5865,
-17.1033)

Have a look what the booklet for
YUV(233.5020, -11.5865, -17.1033)
contains.

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Color

**YUV(233.5020, -11.5865,
-17.1033)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F8D2
RGB	214, 248, 210
RGB Percent	84%, 97%, 82%
CMY	0.1608, 0.0275, 0.1765
CMYK	0.14, 0.00, 0.15, 0.03
HSL	114°, 73%, 90%
HSV	114°, 15%, 97%
XYZ	72.9318, 86.0841, 73.7447
YIQ	233.5020, -8.0660, -19.0260

Conversions

Conversions Part 2

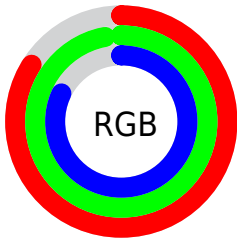
Format	Color
RYB	210, 248, 244
Decimal	14088402
CIELab	94.35, -17.89, 14.62
CIElCh	94, 23.100, 140.746
Yxy	86.0841, 0.3133, 0.3698
Android (android.graphics.Color)	4292278482 (0xFFD6F8D2)
YUV	233.5020, -11.5865, -17.1033
Hunter-Lab	92.7815, -22.0560, 17.8221

Details

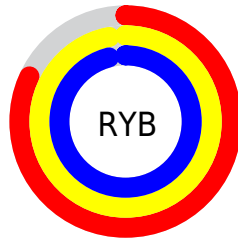
The YUV color $233.5020, -11.5865, -17.1033$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $224.4980, 11.5865, 17.1033$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.9150, -11.2971, -16.5885$ is the 20% darker color. If you saturate the color by 10%, you get $224.0740, -19.2635, -28.1289$, and if you desaturate by 10%, it is $242.9300, -3.9095, -6.0776$.

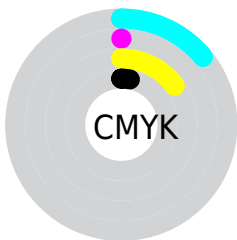
Distribution



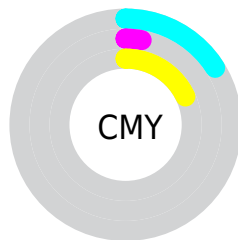
- Red (84%)
- Green (97%)
- Blue (82%)



- Red (82%)
- Yellow (97%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)



- Cyan (16%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.5020, -11.5865, -17.1033 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 233.5020, -11.5865, -17.1033 by changing the saturation by 10% instead.

■ 233.5020,
-11.5865, -17.1033

■ 233.5020,
-11.5865, -17.1033

255.0000, 0.0000,
0.0000

■ 204.9150,
-11.2971, -16.5885

■ 177.9150,
-11.2971, -16.5885

■ 150.7410,
-10.7183, -15.5589

■ 124.8550,
-10.2815, -15.6588

■ 99.3820, -9.5553,
-15.2440

■ 75.7950, -9.2659,
-14.7292

■ 52.3220, -8.5397,

-14.3144

■ 30.4360, -8.1029,
-14.4144

■ 13.5010, -6.6560,
-11.8404

■ 233.5020,
-11.5865, -17.1033

■ 233.5020,
-11.5865, -17.1033

■ 224.0740,
-19.2635, -28.1289

■ 242.9300, -3.9095,
-6.0776

■ 214.6460,
-26.9405, -39.1545

■ 250.8910, 2.0257,
3.6036

■ 205.0330,
-34.0333, -50.8949

■ 195.6050,
-41.7103, -61.9206

■ 186.1770,
-49.3873, -72.9462

■ 176.7490,
-57.0643, -83.9719

■ 167.3210,
-64.7413, -94.9975

■ 157.7080,
-71.8340, -106.7379

■ 153.3500,
-75.6016, -111.6859

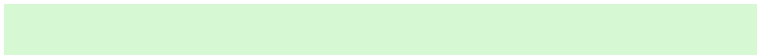
Harmonies

Analogous

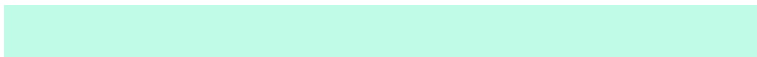
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.2720, -19.3611, 3.2695



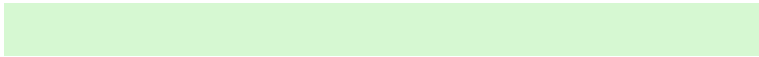
233.5020, -11.5865, -17.1033



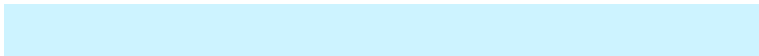
231.0790, -0.0389, -34.2723

Triad

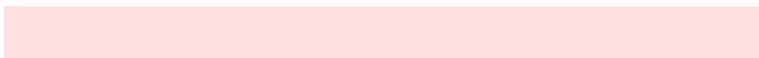
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.5020, -11.5865, -17.1033



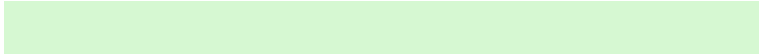
233.0060, 10.8430, -24.5613



233.2690, -4.5696, 19.0581

Complementary

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



233.5020, -11.5865, -17.1033



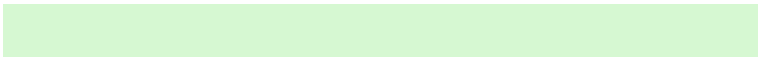
224.4980, 11.5865, 17.1033

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.



235.8910, 5.4767, 16.7586



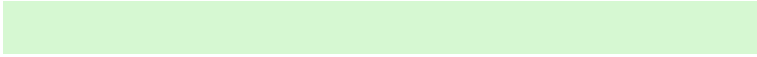
233.5020, -11.5865, -17.1033



236.9810, 8.8834, -2.6143

Square

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



233.5020, -11.5865, -17.1033



230.2490, 12.2022, -40.5604



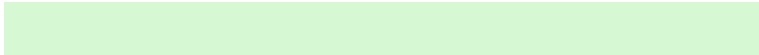
239.1510, 7.8136, 13.8996



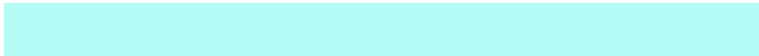
233.4510, -14.0263, 18.8985

Rectangle

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



233.5020, -11.5865, -17.1033



230.3860, 7.6977, -42.4345



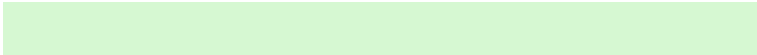
239.1510, 7.8136, 13.8996



233.4800, -1.2226, 18.8730

Sweetspot

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



233.5020, -11.5865, -17.1033



250.2290, -4.0569, -5.4628



241.3200, -15.4408, 5.8584



124.9950, -2.4625, -3.5036



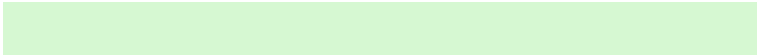
0.0000, 0.0000, 0.0000



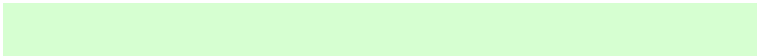
128.0000, 0.0000, 0.0000

Same Dimension

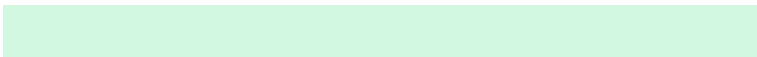
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.5020, -11.5865, -17.1033



237.4970, -14.0490, -20.6069



234.0160, -4.4449, -21.0620



120.2290, -4.0569, -5.4628



116.9230, -57.6430, -85.0015



37.6010, -18.5373, -27.7141

Inverse Universe

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



224.4980, 11.5865, 17.1033



226.5030, 14.0490, 20.6069



223.9840, 4.4449, 21.0620



117.0700, 3.9095, 6.0776



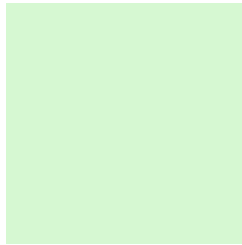
72.0770, 57.6430, 85.0015



23.3990, 18.5373, 27.7141

Previews

White Background



This preview shows how the YUV color 233.5020, -11.5865, -17.1033 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 233.5020, -11.5865, -17.1033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

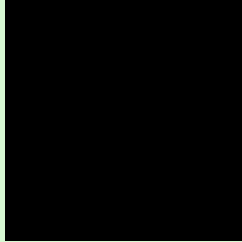
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

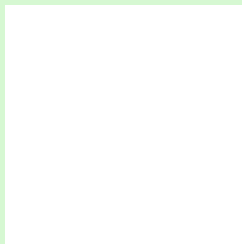
Any Text WCAG AAA ✓ Pass

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

YUV 233.5020, -11.5865, -17.1033 Background



This preview shows how black text looks on a background with the YUV color 233.5020, -11.5865, -17.1033.



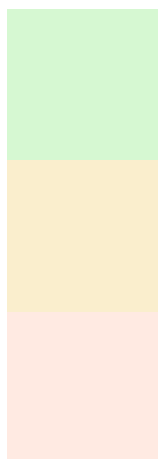
This preview shows how white text looks on a background with the YUV color 233.5020, -11.5865, -17.1033.

-17.1033.

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

233.5020, -11.5865, -17.1033

Protanopia

237.8260, -16.1832, 10.6766

Deuteranopia

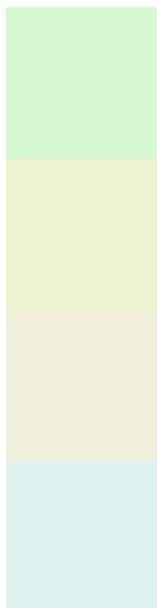
239.3670, -6.5899, 13.7101



Tritanopia

237.5240, 8.6157, -10.1065

Trichromacy



Original Color

233.5020, -11.5865, -17.1033

Protanomaly

236.5150, -14.5509, 0.4253

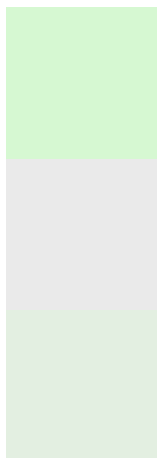
Deuteranomaly

237.1330, -8.4466, 2.5144

Tritanomaly

236.2650, 1.3484, -12.5104

Monochromacy



Original Color

233.5020, -11.5865, -17.1033

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

233.8160, -4.3463, -5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.5020, -11.5865, -17.1033 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(214, 248, 210)` looks like.

```
.text, #text, p{  
    color:rgb(214, 248, 210)  
}
```

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(214, 248, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 248, 210) }
```

Border

The CSS property to change the border of an element to YUV 233.5020, -11.5865, -17.1033 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(214, 248, 210) }
```


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

```
.border{ border-color:rgb(214, 248, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 248, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 248, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 248, 210);  
box-shadow:4px 4px 4px 4px rgb(214, 248,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 233.5020, -11.5865, -17.1033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 248, 210) }
```

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

```
.background{ background-color: rgb(214,  
248, 210) }
```

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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