

Converting Colors

YUV(238.8200, -20.6173,
-13.8741)

Have a look what the booklet for
YUV(238.8200, -20.6173, -13.8741)
contains.

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Color

**YUV(238.8200, -20.6173,
-13.8741)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFFC5
RGB	223, 255, 197
RGB Percent	87%, 100%, 77%
CMY	0.1255, 0.0000, 0.2275
CMYK	0.13, 0.00, 0.23, 0.00
HSL	93°, 100%, 89%
HSV	93°, 23%, 100%
XYZ	76.2695, 91.2392, 66.4144
YIQ	238.8200, -0.4540, -24.8220

Conversions

Conversions Part 2

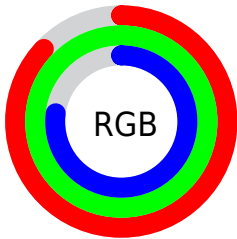
Format	Color
RYB	197, 255, 229
Decimal	14680005
CIELab	96.51, -20.32, 24.37
CIELCh	97, 31.726, 129.827
Yxy	91.2392, 0.3260, 0.3900
Android (android.graphics.Color)	4292870085 (0xFFDFFFC5)
YUV	238.8200, -20.6173, -13.8741
Hunter-Lab	95.5192, -24.6313, 25.6392

Details

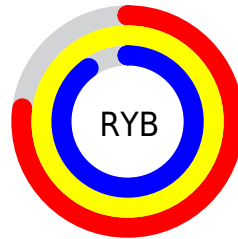
The YUV color $238.8200, -20.6173, -13.8741$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $213.1800, 20.6173, 13.8741$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.8860, -0.4368, 0.1000$, and $182.4610, -19.4543, -13.5593$ is the 20% darker color. If you saturate the color by 10%, you get $231.7840, -29.4735, -19.9816$, and if you desaturate by 10%, it is $245.9700, -11.3242, -7.8667$.

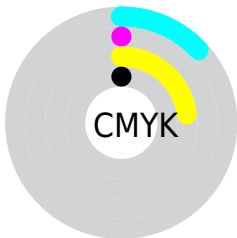
Distribution



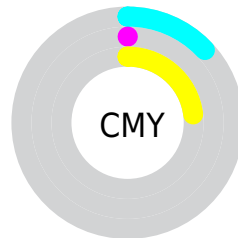
- Red (87%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (90%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.8200, -20.6173, -13.8741 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 238.8200, -20.6173, -13.8741 by changing the saturation by 10% instead.

■ 238.8200,
-20.6173, -13.8741

■ 238.8200,
-20.6173, -13.8741

255.0000, 0.0000,
0.0000

■ 210.3470,
-19.8911, -13.4593

254.8860, -0.4368,
0.1000

■ 182.4610,
-19.4543, -13.5593

■ 155.8740,
-19.1649, -13.0445

■ 129.4010,
-18.4387, -12.6297

■ 104.2160,
-17.8545, -13.3444

■ 79.7430, -17.1283,
-12.9296

■ 56.2700, -16.4021,

-12.5148

■ 33.5690, -16.5495,
-11.9000

■ 16.4360, -8.1029,
-14.4144

■ 238.8200,
-20.6173, -13.8741

■ 238.8200,
-20.6173, -13.8741

■ 231.7840,
-29.4735, -19.9816

■ 245.9700,
-11.3242, -7.8667

■ 224.6340,
-38.7666, -25.9890

■ 253.0060, -2.4680,
-1.7593

■ 217.5980,
-47.6228, -32.0964

255.0000, 0.0000,
0.0000

■ 210.4480,
-56.9159, -38.1039

■ 203.2980,
-66.2089, -44.1113

■ 196.2620,
-75.0652, -50.2188

■ 189.1120,
-84.3582, -56.2262

■ 183.7710,
-90.5991, -61.1892

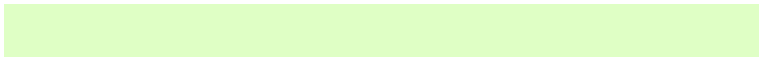
Harmonies

Analogous

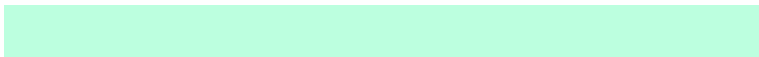
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.6230, -28.4081, 11.7316



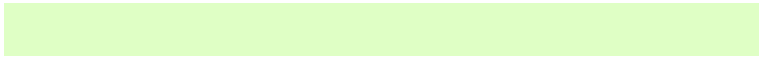
238.8200, -20.6173, -13.8741



231.3190, -4.1013, -37.9908

Triad

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



238.8200, -20.6173, -13.8741



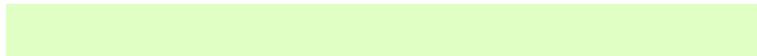
232.2870, 11.1975, -44.9787



234.0500, 0.9614, 18.3732

Complementary

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



238.8200, -20.6173, -13.8741



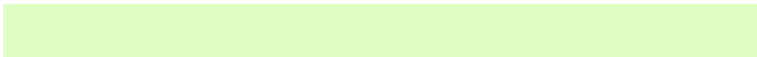
213.1800, 20.6173, 13.8741

Split Complementary

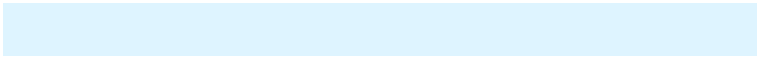
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.3900, 8.6817, 15.4440



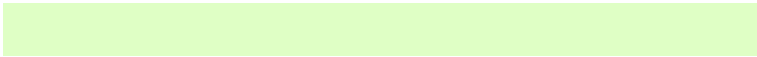
238.8200, -20.6173, -13.8741



238.6760, 8.0477, -14.6249

Square

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



238.8200, -20.6173, -13.8741



225.6980, 14.4459, -60.2481



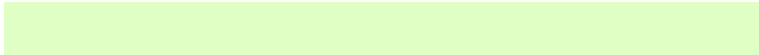
242.6730, 6.0772, 10.8108



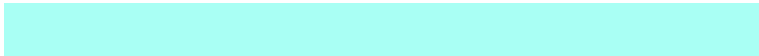
233.0920, -12.8634, 19.2133

Rectangle

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



238.8200, -20.6173, -13.8741



228.0320, 7.8722, -51.7711



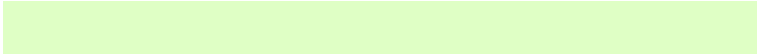
242.6730, 6.0772, 10.8108



235.1900, 5.3293, 17.3734

Sweetspot

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



238.8200, -20.6173, -13.8741



249.9580, -6.3883, -4.3482



233.1260, -17.8101, 19.1835



124.9520, -3.9203, -2.5889



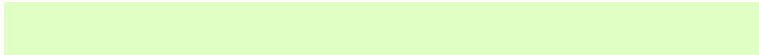
0.0000, 0.0000, 0.0000



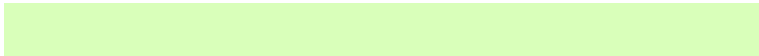
128.0000, 0.0000, 0.0000

Same Dimension

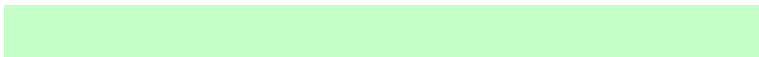
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.8200, -20.6173, -13.8741



235.7720, -24.5376, -16.4630



231.3880, -15.4743, -30.1583



124.1260, -4.4991, -3.6185



137.8310, -67.9507, -45.4558



46.2390, -22.7958, -15.1186

Inverse Universe

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



213.1800, 20.6173, 13.8741



205.2280, 24.5376, 16.4630



220.6120, 15.4743, 30.1583



118.5750, 4.6465, 3.0037



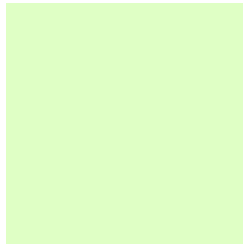
53.4680, 67.8033, 46.0706



17.7610, 22.7958, 15.1186

Previews

White Background



This preview shows how the YUV color 238.8200, -20.6173, -13.8741 looks on a white background.

Color Contrast Check

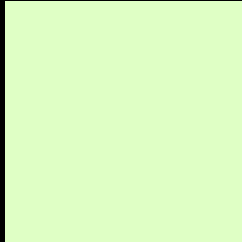
Large Text (above 18pt) WCAG AA × Fail

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 238.8200, -20.6173, -13.8741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

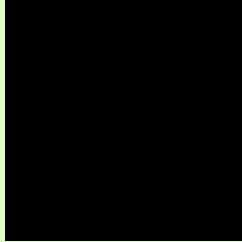
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

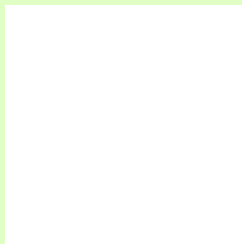
Any Text WCAG AAA ✓ Pass

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

YUV 238.8200, -20.6173, -13.8741 Background



This preview shows how black text looks on a background with the YUV color 238.8200, -20.6173, -13.8741.



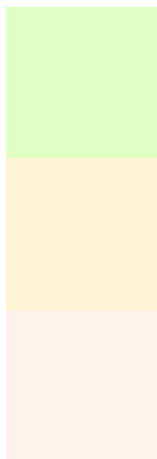
This preview shows how white text looks on a background with the YUV color 238.8200, -20.6173, -13.8741.

-13.8741.

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

238.8200, -20.6173, -13.8741

Protanopia

243.6410, -15.5990, 9.9618

Deuteranopia

245.0890, -4.9739, 8.6919

Tritanopia

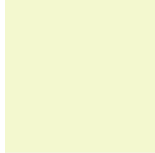
244.3460, 5.2524, -4.6884

Trichromacy



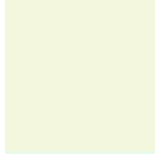
Original Color

238.8200, -20.6173, -13.8741



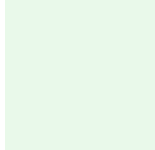
Protanomaly

241.8310, -17.1717, 1.0252



Deuteranomaly

242.8400, -10.7671, 0.1403



Tritanomaly

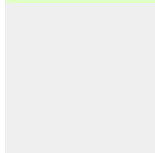
242.5060, -4.1935, -8.3368

Monochromacy



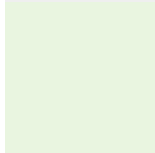
Original Color

238.8200, -20.6173, -13.8741



Achromatopsia

239.0000, 0.0000, 0.0000



Achromatomaly

239.0180, -7.4039, -5.2778

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.8200, -20.6173, -13.8741 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(223, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 197)  
}
```

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(223, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 197) }
```

Border

The CSS property to change the border of an element to YUV 238.8200, -20.6173, -13.8741 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(223, 255, 197) }
```


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

```
.border{ border-color:rgb(223, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 255, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 255, 197); box-shadow:4px 4px 4px 4px rgb(223, 255, 197) }
```

Background

The CSS property to change the background color of an element to YUV 238.8200, -20.6173, -13.8741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 197) }
```

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

```
.background{ background-color: rgb(223,  
255, 197) }
```

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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