

Converting Colors

YUV(231.5200, -15.5394,
-9.2260)

Have a look what the booklet for
YUV(231.5200, -15.5394, -9.2260)
contains.

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Color

**YUV(231.5200, -15.5394,
-9.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF3C8
RGB	221, 243, 200
RGB Percent	87%, 95%, 78%
CMY	0.1333, 0.0471, 0.2157
CMYK	0.09, 0.00, 0.18, 0.05
HSL	91°, 64%, 87%
HSV	91°, 18%, 95%
XYZ	72.2947, 83.6435, 66.9780
YIQ	231.5200, 0.6910, -18.0370

Conversions

Conversions Part 2

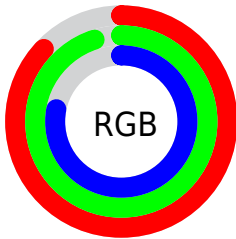
Format	Color
R_{YB}	200, 243, 222
Decimal	14545864
CIE _{Lab}	93.30, -14.69, 18.35
CIE _{LCh}	93, 23.501, 128.677
Yxy	83.6435, 0.3243, 0.3752
Android (android.graphics.Color)	4292735944 (0xFFDDDF3C8)
YUV	231.5200, -15.5394, -9.2260
Hunter-Lab	91.4568, -18.9488, 20.5990

Details

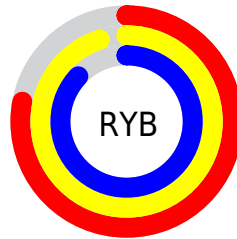
The YUV color $231.5200, -15.5394, -9.2260$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $211.4800, 15.5394, 9.2260$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.0470, -14.8132, -8.8112$ is the 20% darker color. If you saturate the color by 10%, you get $225.1960, -24.2536, -14.2039$, and if you desaturate by 10%, it is $237.8440, -6.8251, -4.2482$.

Distribution



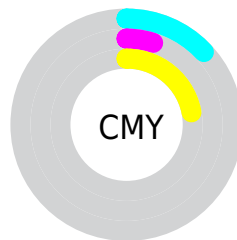
- Red (87%)
- Green (95%)
- Blue (78%)



- Red (78%)
- Yellow (95%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.5200, -15.5394, -9.2260 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 231.5200, -15.5394, -9.2260 by changing the saturation by 10% instead.

■ 231.5200,
-15.5394, -9.2260

■ 231.5200,
-15.5394, -9.2260

255.0000, 0.0000,
0.0000

■ 203.6340,
-15.1026, -9.3260

■ 176.0470,
-14.8132, -8.8112

■ 149.1610,
-14.3764, -8.9112

■ 123.2750,
-13.9396, -9.0112

■ 98.1010, -13.3608,
-7.9816

■ 74.3290, -12.4872,
-8.1815

■ 51.4430, -12.0504,

-8.2815

■ 29.6990, -13.6556,
-6.7520

■ 11.7400, -5.7878,
-10.2960

■ 231.5200,
-15.5394, -9.2260

■ 231.5200,
-15.5394, -9.2260

■ 225.1960,
-24.2536, -14.2039

■ 237.8440, -6.8251,
-4.2482

■ 218.4590,
-33.2573, -19.6965

■ 244.5810, 2.1786,
1.2445

■ 212.1350,
-41.9716, -24.6744

■ 247.9560, 3.4727,
6.1776

■ 205.5120,
-50.5384, -30.2670

■ 199.0740,
-59.6895, -35.1449

■ 192.4510,
-68.2563, -40.7375

■ 186.1270,
-76.9706, -45.7154

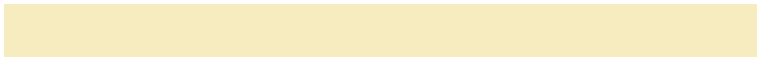
■ 179.8030,
-85.6849, -50.6932

■ 178.2220,
-87.8634, -51.9377

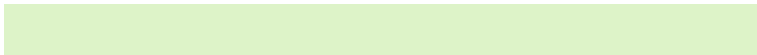
Harmonies

Analogous

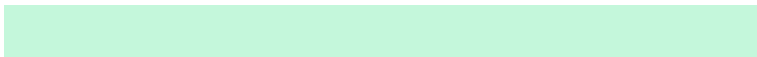
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.1590, -21.2774, 11.2616



231.5200, -15.5394, -9.2260



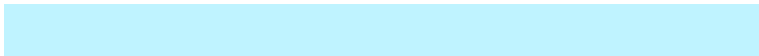
228.5590, -4.7126, -28.5542

Triad

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



231.5200, -15.5394, -9.2260



228.8200, 12.9067, -33.1681



231.6050, -0.7913, 20.5174

Complementary

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



231.5200, -15.5394, -9.2260



211.4800, 15.5394, 9.2260

Split Complementary

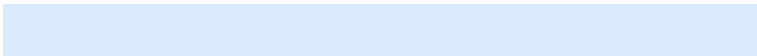
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.4010, 8.6763, 17.1883



231.5200, -15.5394, -9.2260



232.4960, 11.0945, -11.8360

Square

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



231.5200, -15.5394, -9.2260



226.6830, 13.9603, -44.4490



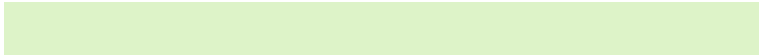
237.0580, 8.8454, 9.5961



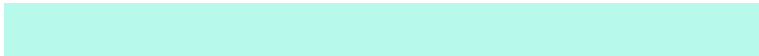
230.8580, -11.2690, 21.1725

Rectangle

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



231.5200, -15.5394, -9.2260



227.5560, 3.1769, -39.0756



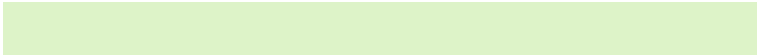
237.0580, 8.8454, 9.5961



232.5170, 2.7031, 19.7176

Sweetspot

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



231.5200, -15.5394, -9.2260



251.4250, -4.6465, -3.0037



225.1840, -12.4157, 15.6246



125.8920, -2.9048, -1.6593



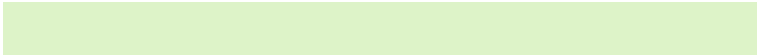
0.0000, 0.0000, 0.0000



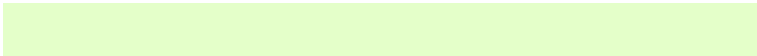
128.0000, 0.0000, 0.0000

Same Dimension

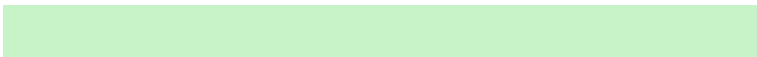
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.5200, -15.5394, -9.2260



240.7710, -19.6071, -11.2002



225.2410, -12.4438, -22.1364



118.8380, -4.3571, -2.4889



136.3910, -67.2408, -39.8079



43.3040, -21.3489, -12.5446

Inverse Universe

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



211.4800, 15.5394, 9.2260



215.5280, 19.4597, 11.8149



217.7590, 12.4438, 22.1364



113.1620, 4.3571, 2.4889



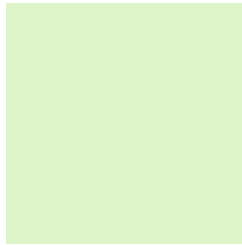
49.6090, 67.2408, 39.8079



15.6960, 21.3489, 12.5446

Previews

White Background



This preview shows how the YUV color 231.5200, -15.5394, -9.2260 looks on a white background.

Color Contrast Check

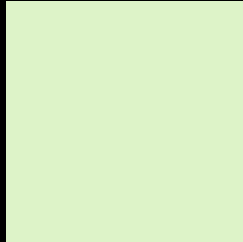
Large Text (above 18pt) WCAG AA × Fail

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 231.5200, -15.5394, -9.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

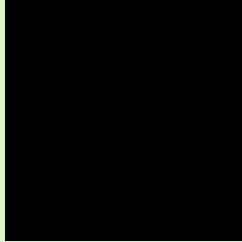
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

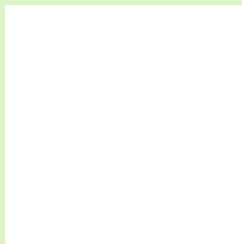
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.5200, -15.5394, -9.2260

Background



This preview shows how black text looks on a background with the YUV color 231.5200, -15.5394, -9.2260.



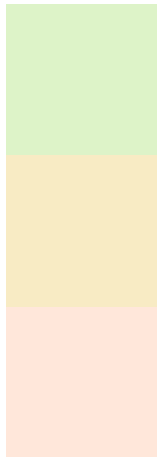
This preview shows how white text looks on a background with the YUV color 231.5200, -15.5394, -9.2260.

-9.2260.

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

231.5200, -15.5394, -9.2260

Protanopia

234.4410, -18.9514, 11.8912

Deuteranopia

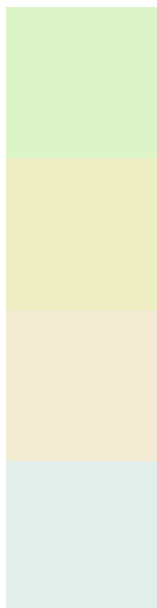
236.6940, -9.2161, 16.0544



Tritanopia

235.3720, 9.1836, -5.5882

Trichromacy



Original Color

231.5200, -15.5394, -9.2260

Protanomaly

233.3260, -17.9087, 4.0991

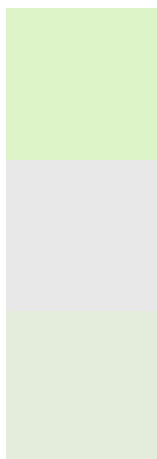
Deuteranomaly

234.6560, -11.6624, 7.3177

Tritanomaly

233.9560, 0.0217, -6.9774

Monochromacy



Original Color

231.5200, -15.5394, -9.2260

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.7840, -5.8095, -3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.5200, -15.5394, -9.2260 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(221, 243, 200)` looks like.

```
.text, #text, p{  
    color:rgb(221, 243, 200)  
}
```

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(221, 243, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 243, 200) }
```

Border

The CSS property to change the border of an element to YUV 231.5200, -15.5394, -9.2260 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(221, 243, 200) }
```


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

```
.border{ border-color:rgb(221, 243, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 243, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 243, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 243, 200);  
box-shadow:4px 4px 4px 4px rgb(221, 243,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 231.5200, -15.5394, -9.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 243, 200) }
```

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

```
.background{ background-color: rgb(221,  
243, 200) }
```

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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