

Converting Colors

YUV(213.0230, -8.3923,
-14.9292)

Have a look what the booklet for
YUV(213.0230, -8.3923, -14.9292)
contains.

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Color

**YUV(213.0230, -8.3923,
-14.9292)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E1C4
RGB	196, 225, 196
RGB Percent	77%, 88%, 77%
CMY	0.2314, 0.1176, 0.2314
CMYK	0.13, 0.00, 0.13, 0.12
HSL	120°, 33%, 83%
HSV	120°, 13%, 88%
XYZ	59.6540, 69.5717, 62.5091
YIQ	213.0230, -7.9750, -15.1670

Conversions

Conversions Part 2

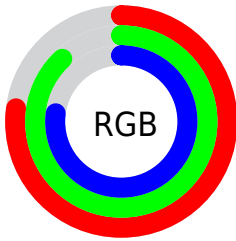
Format	Color
RYB	196, 225, 225
Decimal	12902852
CIELab	86.79, -14.95, 10.99
CIELCh	87, 18.560, 143.673
Yxy	69.5717, 0.3111, 0.3629
Android (android.graphics.Color)	4291092932 (0xFFC4E1C4)
YUV	213.0230, -8.3923, -14.9292
Hunter-Lab	83.4097, -18.3050, 13.9535

Details

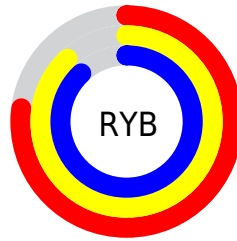
The YUV color **213.0230, -8.3923, -14.9292** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **207.9770, 8.3923, 14.9292**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.1740, -0.5788, -1.0296**, and **158.4360, -8.1029, -14.4144** is the 20% darker color. If you saturate the color by 10%, you get **203.9370, -14.7589, -26.2547**, and if you desaturate by 10%, it is **222.5220, -1.7363, -3.0888**.

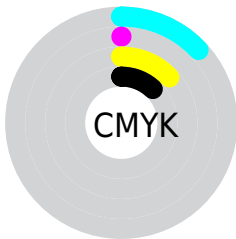
Distribution



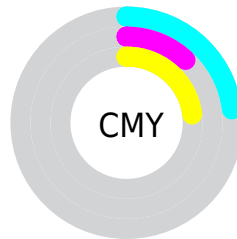
- Red (77%)
- Green (88%)
- Blue (77%)



- Red (77%)
- Yellow (88%)
- Blue (88%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (23%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.0230, -8.3923, -14.9292 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 213.0230, -8.3923, -14.9292 by changing the saturation by 10% instead.

■ 213.0230, -8.3923,
-14.9292

■ 213.0230, -8.3923,
-14.9292

255.0000, 0.0000,
0.0000

■ 185.4360, -8.1029,
-14.4144

■ 254.1740, -0.5788,
-1.0296

■ 158.4360, -8.1029,
-14.4144

■ 131.9630, -7.3768,
-13.9996

■ 106.3760, -7.0874,
-13.4848

■ 82.6750, -7.2348,
-12.8700

■ 59.2020, -6.5086,
-12.4552

■ 37.3160, -6.0718,

-12.5551

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 213.0230, -8.3923,
-14.9292

■ 213.0230, -8.3923,
-14.9292

■ 203.9370,
-14.7589, -26.2547

■ 222.5220, -1.7363,
-3.0888

■ 194.4380,
-21.4149, -38.0951

■ 231.6080, 4.6303,
8.2368

■ 185.3520,
-27.7815, -49.4207

■ 237.3900, 8.6817,
15.4440

■ 175.8530,
-34.4375, -61.2611

■ 166.7670,
-40.8041, -72.5867

■ 157.2680,
-47.4601, -84.4270

■ 148.1820,
-53.8267, -95.7526

■ 138.6830,
-60.4827, -107.5930

■ 132.0750,
-65.1130, -115.8298

Harmonies

Analogous

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



214.8140, -14.6983, 1.0401



213.0230, -8.3923, -14.9292



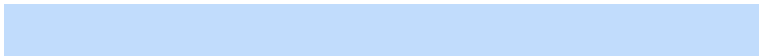
211.0520, 0.9604, -28.1096

Triad

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



213.0230, -8.3923, -14.9292



215.5750, 17.9575, -19.7983



220.4230, -8.0965, 30.3240

Complementary

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



213.0230, -8.3923, -14.9292



207.9770, 8.3923, 14.9292

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.



220.6920, 0.6448, 26.5801



213.0230, -8.3923, -14.9292



218.5880, 14.9931, -2.2697

Square

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



213.0230, -8.3923, -14.9292



212.6290, 15.9589, -32.1236



220.6780, 8.5397, 14.3144



218.7940, -14.1954, 26.4907

Rectangle

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



213.0230, -8.3923, -14.9292



211.2130, 6.7970, -33.5128



220.6780, 8.5397, 14.3144



220.5200, -5.1864, 30.2390

Sweetspot

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



213.0230, -8.3923, -14.9292



250.8700, -2.8939, -5.1480



221.6940, -12.6671, 2.8994



125.1090, -2.0257, -3.6036



0.0000, 0.0000, 0.0000



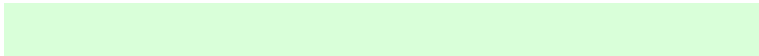
128.0000, 0.0000, 0.0000

Same Dimension

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



213.0230, -8.3923, -14.9292



239.3060, -10.9969, -19.5624



214.7330, -1.8404, -16.4288



107.4570, -3.1833, -5.6628



103.3120, -50.9328, -90.6046



28.1760, -13.8908, -24.7104

Inverse Universe

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



207.9770, 8.3923, 14.9292



232.6940, 10.9969, 19.5624



206.3810, 2.2772, 16.3289



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 213.0230, -8.3923, -14.9292 looks on a white background.

Color Contrast Check

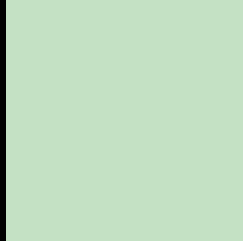
Large Text (above 18pt) WCAG AA × Fail

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 213.0230, -8.3923, -14.9292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

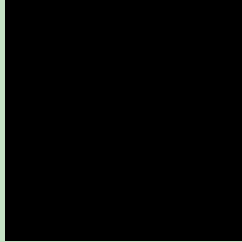
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

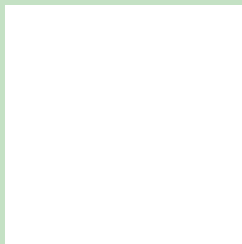
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.0230, -8.3923, -14.9292

Background



This preview shows how black text looks on a background with the YUV color 213.0230, -8.3923, -14.9292.



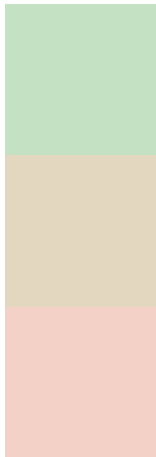
This preview shows how white text looks on a background with the YUV color 213.0230, -8.3923, -14.9292.

-14.9292.

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

213.0230, -8.3923, -14.9292

Protanopia

216.4390, -12.5414, 9.2620

Deuteranopia

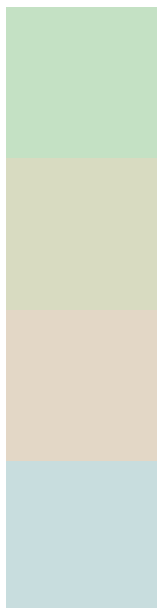
218.3250, -9.5272, 22.5170



Tritanopia

216.2680, 10.2209, -11.6360

Trichromacy



Original Color

213.0230, -8.3923, -14.9292

Protanomaly

215.1390, -10.9145, 0.7551

Deuteranomaly

216.6500, -9.1944, 9.0770

Tritanomaly

214.8350, 3.5323, -13.0103

Monochromacy



Original Color

213.0230, -8.3923, -14.9292

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8700, -2.8939, -5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.0230, -8.3923, -14.9292 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(196, 225, 196)` looks like.

```
.text, #text, p{  
    color:rgb(196, 225, 196)  
}
```

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(196, 225, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 225, 196) }
```

Border

The CSS property to change the border of an element to YUV 213.0230, -8.3923, -14.9292 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(196, 225, 196) }
```


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

```
.border{ border-color:rgb(196, 225, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 225, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 225, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 225, 196);  
box-shadow:4px 4px 4px 4px rgb(196, 225,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 213.0230, -8.3923, -14.9292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 225, 196) }
```

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

```
.background{ background-color: rgb(196,  
225, 196) }
```

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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