

Converting Colors

YUV(230.4330, -13.5245,
-2.1337)

Have a look what the booklet for
YUV(230.4330, -13.5245, -2.1337)
contains.

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Color

**YUV(230.4330, -13.5245,
-2.1337)**

Conversions

Conversions Part 1

Format	Color
Hex	E4EDCB
RGB	228, 237, 203
RGB Percent	89%, 93%, 80%
CMY	0.1059, 0.0706, 0.2039
CMYK	0.04, 0.00, 0.14, 0.07
HSL	76°, 49%, 86%
HSV	76°, 14%, 93%
XYZ	73.0586, 81.3742, 68.3561
YIQ	230.4330, 5.5500, -12.4820

Conversions

Conversions Part 2

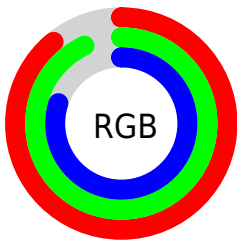
Format	Color
R_{YB}	203, 237, 212
Decimal	15003083
CIE _{Lab}	92.30, -8.79, 15.47
CIE _{LCh}	92, 17.789, 119.594
Yxy	81.3742, 0.3279, 0.3653
Android (android.graphics.Color)	4293193163 (0xFFE4EDCB)
YUV	230.4330, -13.5245, -2.1337
Hunter-Lab	90.2076, -13.2973, 18.2175

Details

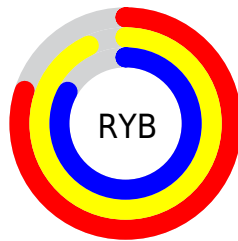
The YUV color $230.4330, -13.5245, -2.1337$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $209.5670, 13.5245, 2.1337$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.6610, -12.6509, -2.3337$ is the 20% darker color. If you saturate the color by 10%, you get $225.9030, -23.1232, -3.4229$, and if you desaturate by 10%, it is $234.9630, -3.9258, -0.8446$.

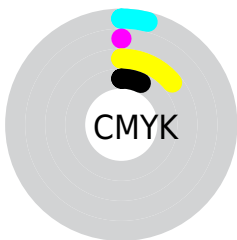
Distribution



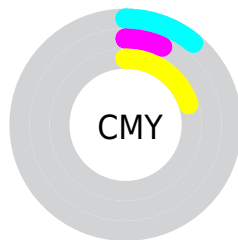
- Red (89%)
- Green (93%)
- Blue (80%)



- Red (80%)
- Yellow (93%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.4330, -13.5245, -2.1337 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 230.4330, -13.5245, -2.1337 by changing the saturation by 10% instead.

■ 230.4330,
-13.5245, -2.1337

■ 230.4330,
-13.5245, -2.1337

255.0000, 0.0000,
0.0000

■ 202.5470,
-13.0877, -2.2337

■ 174.6610,
-12.6509, -2.3337

■ 148.0740,
-12.3615, -1.8189

■ 122.1880,
-11.9247, -1.9189

■ 97.3020, -11.4879,
-2.0189

■ 73.4160, -11.0511,
-2.1188

■ 50.6440, -10.1775,

-2.3188

■ 29.6010, -11.6353,
-1.4041

■ 8.2180, -4.0515,
-7.2072

■ 230.4330,
-13.5245, -2.1337

■ 230.4330,
-13.5245, -2.1337

■ 225.9030,
-23.1232, -3.4229

■ 234.9630, -3.9258,
-0.8446

■ 221.1880,
-32.1377, -5.4269

■ 239.6780, 5.0887,
1.1594

■ 216.6580,
-41.7364, -6.7161

■ 242.0420, 6.3883,
4.3482

■ 212.1280,
-51.3351, -8.0053

■ 243.8360, 5.5039,
8.0368

■ 207.5980,
-60.9338, -9.2944

■ 244.4340, 5.2090,
9.2664

■ 202.8830,
-69.9483, -11.2984

■ 198.3530,
-79.5470, -12.5876

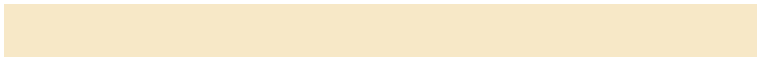
■ 193.8230,
-89.1457, -13.8768

■ 191.1450,
-94.2345, -15.0362

Harmonies

Analogous

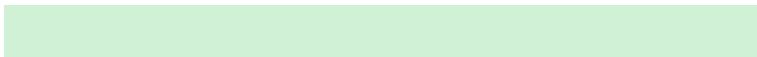
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.7230, -16.6254, 12.5209



230.4330, -13.5245, -2.1337



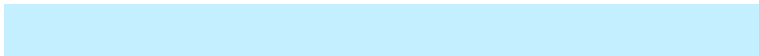
228.4680, -6.6397, -17.0734

Triad

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



230.4330, -13.5245, -2.1337



227.9670, 13.3273, -28.0351



232.6480, 0.6665, 19.6027

Complementary

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



230.4330, -13.5245, -2.1337



209.5670, 13.5245, 2.1337

Split Complementary

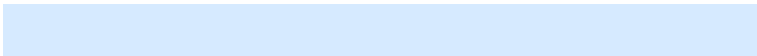
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.2330, 6.7871, 16.4587



230.4330, -13.5245, -2.1337



230.4140, 12.1209, -14.3951

Square

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



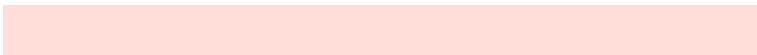
230.4330, -13.5245, -2.1337



226.9510, 10.8702, -33.2830



234.0570, 10.3249, 1.7040



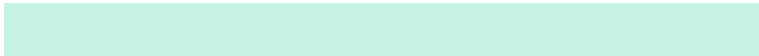
231.2970, -7.0484, 20.7875

Rectangle

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



230.4330, -13.5245, -2.1337



227.6070, -0.7923, -25.9653



234.0570, 10.3249, 1.7040



233.9190, 2.9979, 18.4880

Sweetspot

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



230.4330, -13.5245, -2.1337



252.9630, -3.9258, -0.8446



217.8620, -7.3270, 16.7840



126.6040, -2.7628, -0.5297



0.0000, 0.0000, 0.0000



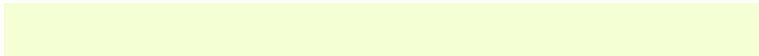
128.0000, 0.0000, 0.0000

Same Dimension

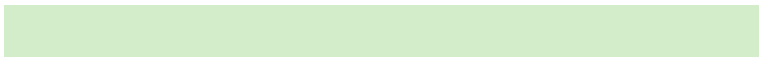
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.4330, -13.5245, -2.1337



246.8090, -17.1608, -2.4635



225.3500, -11.0185, -12.5849



114.8490, -4.3626, -0.7446



146.0140, -71.9849, -11.4133



43.3590, -21.3760, -3.8228

Inverse Universe

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



209.5670, 13.5245, 2.1337



220.1910, 17.1608, 2.4635



214.3510, 11.1660, 11.9702



108.1510, 4.3626, 0.7446



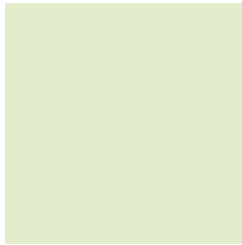
34.9860, 71.9849, 11.4133



10.3420, 21.5234, 3.2081

Previews

White Background



This preview shows how the YUV color 230.4330, -13.5245, -2.1337 looks on a white background.

Color Contrast Check

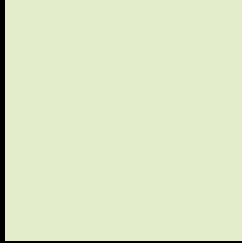
Large Text (above 18pt) WCAG AA × Fail

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 230.4330, -13.5245, -2.1337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

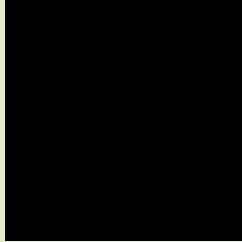
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

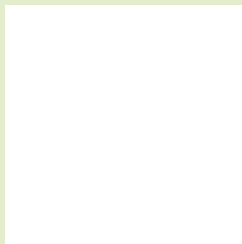
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.4330, -13.5245, -2.1337

Background



This preview shows how black text looks on a background with the YUV color 230.4330, -13.5245, -2.1337.



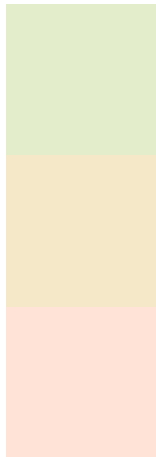
This preview shows how white text looks on a background with the YUV color 230.4330, -13.5245, -2.1337.

-2.1337.

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

230.4330, -13.5245, -2.1337

Protanopia

232.0540, -15.3096, 10.4766

Deuteranopia

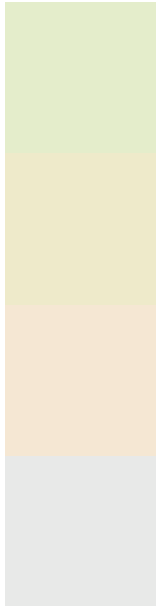
234.0040, -9.3690, 18.4135



Tritanopia

234.2480, 7.2727, 0.6595

Trichromacy



Original Color

230.4330, -13.5245, -2.1337

Protanomaly

231.5480, -14.5672, 5.6584

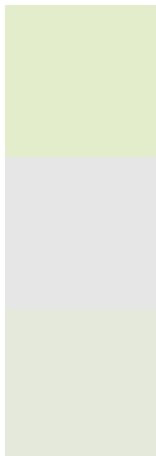
Deuteranomaly

232.9060, -10.7997, 10.6064

Tritanomaly

232.5870, -0.2894, -0.5148

Monochromacy



Original Color

230.4330, -13.5245, -2.1337

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.3220, -5.0887, -1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.4330, -13.5245, -2.1337 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(228, 237, 203)` looks like.

```
.text, #text, p{  
    color:rgb(228, 237, 203)  
}
```

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(228, 237, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 237, 203) }
```

Border

The CSS property to change the border of an element to YUV 230.4330, -13.5245, -2.1337 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(228, 237, 203) }
```


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

```
.border{ border-color:rgb(228, 237, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 237, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 237, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 237, 203);  
box-shadow:4px 4px 4px 4px rgb(228, 237,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 230.4330, -13.5245, -2.1337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 237, 203) }
```

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

```
.background{ background-color: rgb(228,  
237, 203) }
```

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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