

Converting Colors

YUV(232.8250, -21.6057,
-23.5255)

Have a look what the booklet for
YUV(232.8250, -21.6057, -23.5255)
contains.

YUV(232.8250, -21.6057, -23.5255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(232.8250, -21.6057,
-23.5255)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFFBD
RGB	206, 255, 189
RGB Percent	81%, 100%, 74%
CMY	0.1922, 0.0000, 0.2588
CMYK	0.19, 0.00, 0.26, 0.00
HSL	105°, 100%, 87%
HSV	105°, 26%, 100%
XYZ	70.3989, 88.3159, 61.4804
YIQ	232.8250, -8.0180, -30.9140

Conversions

Conversions Part 2

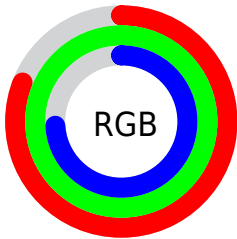
Format	Color
RYB	189, 255, 238
Decimal	13565885
CIELab	95.29, -27.33, 26.58
CIElCh	95, 38.120, 135.792
Yxy	88.3159, 0.3197, 0.4011
Android (android.graphics.Color)	4291755965 (0xFFCEFFBD)
YUV	232.8250, -21.6057, -23.5255
Hunter-Lab	93.9766, -30.7426, 26.9955

Details

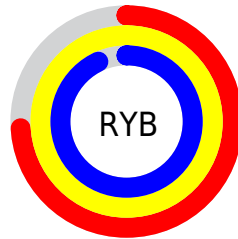
The YUV color $232.8250, -21.6057, -23.5255$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $211.1750, 21.6057, 23.5255$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.9740, -3.9312, 0.8998$, and $176.7650, -20.5901, -22.5959$ is the 20% darker color. If you saturate the color by 10%, you get $224.2940, -29.7249, -32.7068$, and if you desaturate by 10%, it is $241.4700, -13.0497, -14.4442$.

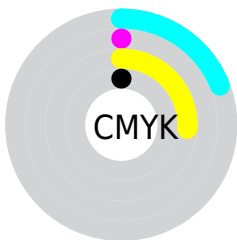
Distribution



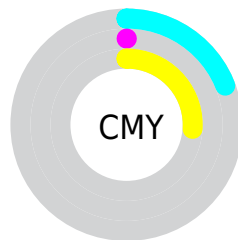
- Red (81%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (93%)



- Cyan (19%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 232.8250, -21.6057, -23.5255 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 232.8250, -21.6057, -23.5255 by changing the saturation by 10% instead.


 232.8250,
-21.6057, -23.5255


 232.8250,
-21.6057, -23.5255


255.0000, 0.0000,
0.0000


 204.3520,
-20.8795, -23.1107

 253.9740, -3.9312,
0.8998

 176.7650,
-20.5901, -22.5959

 149.9930,
-19.7165, -22.7959

 123.5200,
-18.9904, -22.3810

 98.0470, -18.2642,
-21.9662

 73.5740, -17.5380,
-21.5514

 49.5030, -16.5170,

-22.3661

■ 27.6000, -13.6068,
-22.4512

■ 15.8490, -7.8136,
-13.8996

■ 232.8250,
-21.6057, -23.5255

■ 232.8250,
-21.6057, -23.5255

■ 224.2940,
-29.7249, -32.7068

■ 241.4700,
-13.0497, -14.4442

■ 215.6490,
-38.2810, -41.7882

■ 250.0010, -4.9305,
-5.2629

■ 207.1180,
-46.4002, -50.9695

255.0000, 0.0000,
0.0000

■ 198.4730,
-54.9562, -60.0508

■ 189.9420,
-63.0754, -69.2321

■ 181.2970,
-71.6314, -78.3135

■ 172.7660,
-79.7506, -87.4948

■ 169.4190,
-83.5236, -90.6985

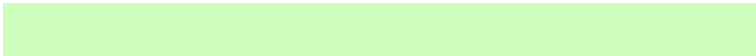
Harmonies

Analogous

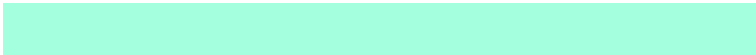
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.3470, -33.2021, 9.3427



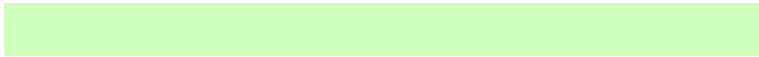
232.8250, -21.6057, -23.5255



223.7300, -0.8529, -53.2602

Triad

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



232.8250, -21.6057, -23.5255



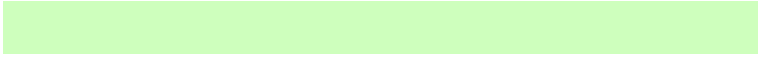
226.0520, 14.2714, -50.9116



227.2850, -2.1125, 24.3061

Complementary

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



232.8250, -21.6057, -23.5255



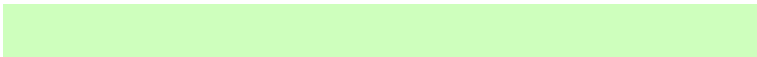
211.1750, 21.6057, 23.5255

Split Complementary

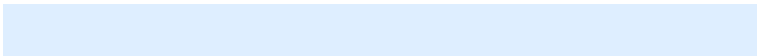
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.1070, 11.2862, 20.0772



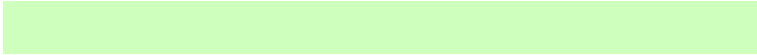
232.8250, -21.6057, -23.5255



235.1540, 9.7841, -11.5361

Square

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



232.8250, -21.6057, -23.5255



217.3260, 18.5733, -77.4619



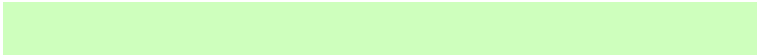
237.3900, 8.6817, 15.4440



227.6320, -18.5526, 24.0017

Rectangle

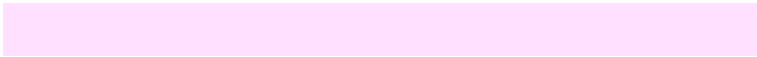
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.8250, -21.6057, -23.5255



219.5180, 14.0416, -70.6143



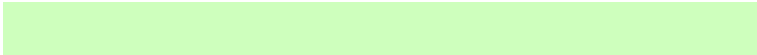
237.3900, 8.6817, 15.4440



228.7670, 3.5659, 23.0063

Sweetspot

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



232.8250, -21.6057, -23.5255



248.2350, -6.5249, -7.2221



236.9100, -23.6196, 15.8649



123.5280, -4.2043, -4.8481



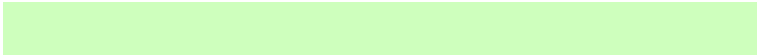
0.0000, 0.0000, 0.0000



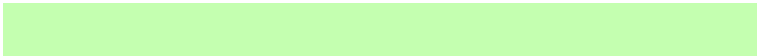
128.0000, 0.0000, 0.0000

Same Dimension

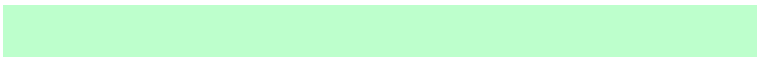
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.8250, -21.6057, -23.5255



228.3530, -25.8100, -28.3736



229.4520, -12.5478, -35.4764



123.5280, -4.2043, -4.8481



126.7680, -62.4966, -68.2025



42.3520, -20.8795, -23.1107

Inverse Universe

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



211.1750, 21.6057, 23.5255



202.6470, 25.8100, 28.3736



214.5480, 12.5478, 35.4764



119.1730, 4.3517, 4.2333



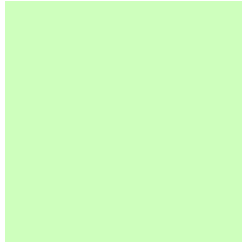
64.2320, 62.4966, 68.2025



21.3490, 21.0269, 22.4959

Previews

White Background



This preview shows how the YUV color 232.8250, -21.6057, -23.5255 looks on a white background.

Color Contrast Check

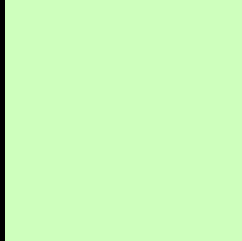
Large Text (above 18pt) WCAG AA × Fail

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 232.8250, -21.6057, -23.5255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

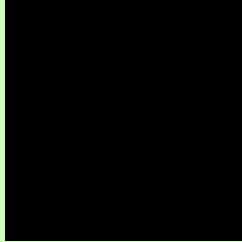
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

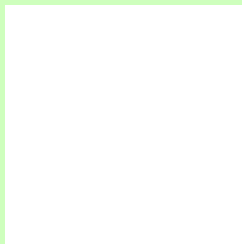
Any Text WCAG AAA ✓ Pass

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

YUV 232.8250, -21.6057, -23.5255 Background



This preview shows how black text looks on a background with the YUV color 232.8250, -21.6057, -23.5255.



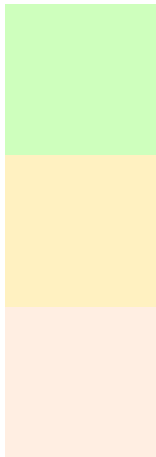
This preview shows how white text looks on a background with the YUV color 232.8250, -21.6057, -23.5255.

-23.5255.

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

232.8250, -21.6057, -23.5255

Protanopia

239.7140, -23.0300, 13.4058

Deuteranopia

241.7150, -7.7475, 11.6509



Tritanopia

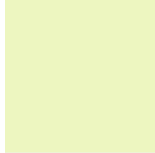
239.8830, 7.4527, -10.4214

Trichromacy



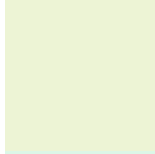
Original Color

232.8250, -21.6057, -23.5255



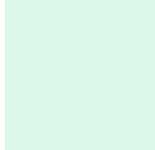
Protanomaly

237.1530, -22.2604, -0.1342



Deuteranomaly

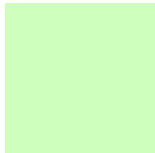
238.3730, -12.5089, -1.2041



Tritanomaly

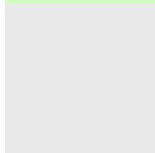
237.1030, -3.0088, -14.9993

Monochromacy



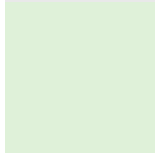
Original Color

232.8250, -21.6057, -23.5255



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

232.8820, -7.8298, -8.6665

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.8250, -21.6057, -23.5255 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(206, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 189)  
}
```

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(206, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 189) }
```

Border

The CSS property to change the border of an element to YUV 232.8250, -21.6057, -23.5255 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(206, 255, 189) }
```


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

```
.border{ border-color:rgb(206, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 232.8250, -21.6057, -23.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 189) }
```

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

```
.background{ background-color: rgb(206,  
255, 189) }
```

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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