

Converting Colors

YUV(230.0460, -16.7847,
-29.8583)

Have a look what the booklet for
YUV(230.0460, -16.7847, -29.8583)
contains.

YUV(230.0460, -16.7847, -29.8583)	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(230.0460, -16.7847,
-29.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	C4FEC4
RGB	196, 254, 196
RGB Percent	77%, 100%, 77%
CMY	0.2314, 0.0039, 0.2314
CMYK	0.23, 0.00, 0.23, 0.00
HSL	120°, 97%, 88%
HSV	120°, 23%, 100%
XYZ	68.1706, 86.6049, 65.3480
YIQ	230.0460, -15.9500, -30.3340

Conversions

Conversions Part 2

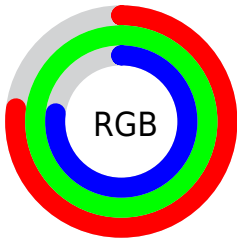
Format	Color
RYB	196, 254, 254
Decimal	12910276
CIELab	94.57, -29.03, 21.94
CIELCh	95, 36.387, 142.925
Yxy	86.6049, 0.3097, 0.3934
Android (android.graphics.Color)	4291100356 (0xFFC4FEC4)
YUV	230.0460, -16.7847, -29.8583
Hunter-Lab	93.0618, -32.1014, 23.5098

Details

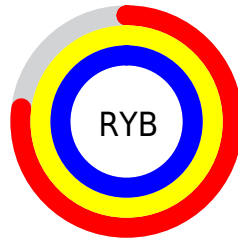
The YUV color **230.0460, -16.7847, -29.8583** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **219.9540, 16.7847, 29.8583**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.1740, -0.5788, -1.0296**, and **173.9860, -15.7691, -28.9287** is the 20% darker color. If you saturate the color by 10%, you get **219.7210, -24.0195, -42.7283**, and if you desaturate by 10%, it is **240.3710, -9.5499, -16.9884**.

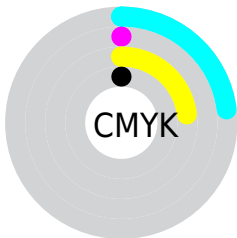
Distribution



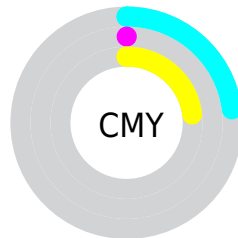
- Red (77%)
- Green (100%)
- Blue (77%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 230.0460, -16.7847, -29.8583 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 230.0460, -16.7847, -29.8583 by changing the saturation by 10% instead.

■ 230.0460,
-16.7847, -29.8583

■ 230.0460,
-16.7847, -29.8583

255.0000, 0.0000,
0.0000

■ 201.5730,
-16.0585, -29.4435

■ 254.1740, -0.5788,
-1.0296

■ 173.9860,
-15.7691, -28.9287

■ 147.3990,
-15.4797, -28.4139

■ 120.9260,
-14.7535, -27.9991

■ 95.5670, -13.5905,
-27.6843

■ 70.7950, -12.7169,
-27.8842

■ 45.5280, -11.1063,

-31.1581

■ 26.4150, -13.0226,
-23.1660

■ 14.6750, -7.2348,
-12.8700

■ 230.0460,
-16.7847, -29.8583

■ 230.0460,
-16.7847, -29.8583

■ 219.7210,
-24.0195, -42.7283

■ 240.3710, -9.5499,
-16.9884

■ 208.9830,
-31.5436, -56.1131

■ 251.1090, -2.0257,
-3.6036

■ 198.6580,
-38.7784, -68.9831

■ 254.4130, 0.2894,
0.5148

■ 187.9200,
-46.3026, -82.3678

■ 177.5950,
-53.5373, -95.2378

■ 167.2700,
-60.7721, -108.1078

■ 156.5320,
-68.2963, -121.4926

■ 149.0980,
-73.5053, -130.7589

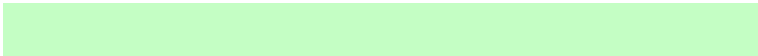
Harmonies

Analogous

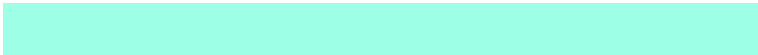
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.8020, -29.9754, 1.0506



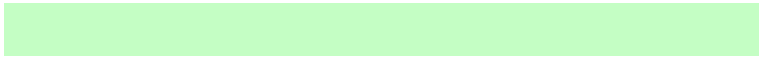
230.0460, -16.7847, -29.8583



222.8480, 3.5259, -57.7487

Triad

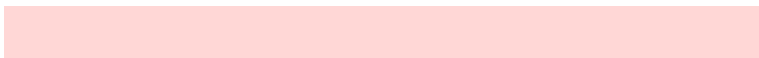
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.0460, -16.7847, -29.8583



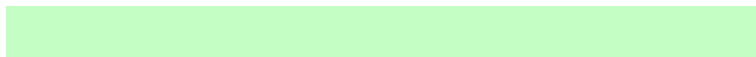
227.3030, 13.6546, -39.7307



226.8460, -6.3331, 24.6911

Complementary

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



230.0460, -16.7847, -29.8583



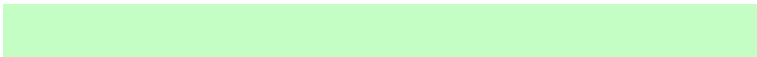
219.9540, 16.7847, 29.8583

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.



230.2490, 9.2442, 21.7066



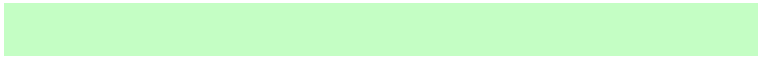
230.0460, -16.7847, -29.8583



235.5080, 9.6096, -2.1995

Square

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



230.0460, -16.7847, -29.8583



220.3270, 17.0938, -69.5698



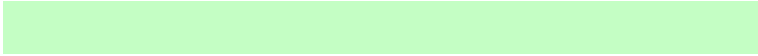
235.0420, 9.8393, 17.5032



228.2360, -21.3153, 23.4720

Rectangle

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



230.0460, -16.7847, -29.8583



219.6040, 16.9572, -72.4437



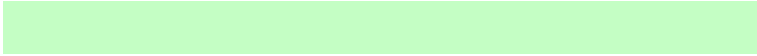
235.0420, 9.8393, 17.5032



227.5130, -1.2389, 24.1061

Sweetspot

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



230.0460, -16.7847, -29.8583



247.5660, -5.2090, -9.2664



247.3880, -25.3343, 5.7987



123.4570, -3.1833, -5.6628



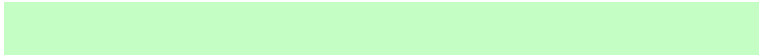
0.0000, 0.0000, 0.0000



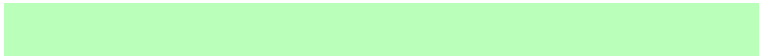
128.0000, 0.0000, 0.0000

Same Dimension

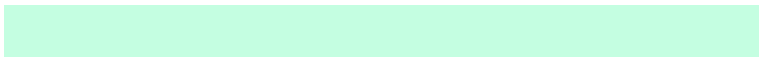
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.0460, -16.7847, -29.8583



226.5030, -19.9680, -35.5211



233.3520, -4.1175, -32.7577



122.6310, -3.7621, -6.6924



112.1170, -55.2737, -98.3266



37.5680, -18.5210, -32.9471

Inverse Universe

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



219.9540, 16.7847, 29.8583



214.4970, 19.9680, 35.5211



216.6480, 4.1175, 32.7577



120.3690, 3.7621, 6.6924



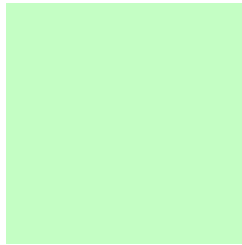
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 230.0460, -16.7847, -29.8583 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 230.0460, -16.7847, -29.8583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

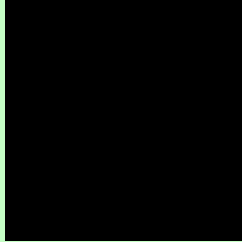
Any Text WCAG AA ✓ Pass

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 230.0460, -16.7847, -29.8583 Background



This preview shows how black text looks on a background with the YUV color 230.0460, -16.7847, -29.8583.



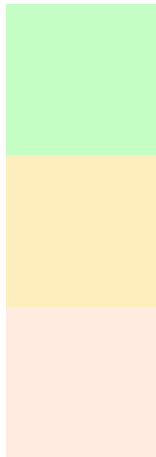
This preview shows how white text looks on a background with the YUV color 230.0460, -16.7847, -29.8583.

-29.8583.

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

230.0460, -16.7847, -29.8583

Protanopia

237.1980, -23.7616, 14.7354

Deuteranopia

239.7260, -7.7529, 13.3953



Tritanopia

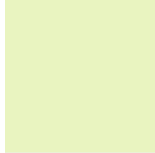
237.4910, 8.6319, -15.3396

Trichromacy



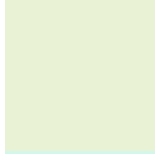
Original Color

230.0460, -16.7847, -29.8583



Protanomaly

234.7830, -21.0920, -1.5637



Deuteranomaly

236.4160, -11.0511, -2.1188



Tritanomaly

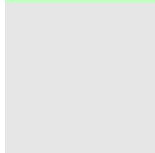
234.7540, -0.3717, -20.8323

Monochromacy



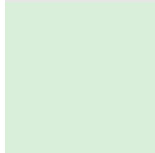
Original Color

230.0460, -16.7847, -29.8583



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

230.3270, -6.0772, -10.8108

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.0460, -16.7847, -29.8583 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, 254, 196)` looks like.

```
.text, #text, p{  
    color:rgb(196, 254, 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, 254, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 254, 196) }
```

Border

The CSS property to change the border of an element to YUV 230.0460, -16.7847, -29.8583 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, 254, 196) }
```


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

```
.border{ border-color:rgb(196, 254, 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, 254, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 254, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 254, 196);  
box-shadow:4px 4px 4px 4px rgb(196, 254,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 230.0460, -16.7847, -29.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 254, 196) }
```

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

```
.background{ background-color: rgb(196,  
254, 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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