

Converting Colors

YUV(230.3250, -16.4292,
-3.7930)

Have a look what the booklet for
YUV(230.3250, -16.4292, -3.7930)
contains.

YUV(230.3250, -16.4292, -3.7930)	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(230.3250, -16.4292,
-3.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EFC5
RGB	226, 239, 197
RGB Percent	89%, 94%, 77%
CMY	0.1137, 0.0627, 0.2275
CMYK	0.05, 0.00, 0.18, 0.06
HSL	79°, 57%, 85%
HSV	79°, 18%, 94%
XYZ	72.3086, 81.9330, 64.8269
YIQ	230.3250, 5.7340, -15.8180

Conversions

Conversions Part 2

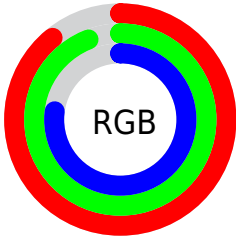
Format	Color
RYB	197, 239, 210
Decimal	14872517
CIELab	92.55, -11.42, 18.89
CIELCh	93, 22.080, 121.158
Yxy	81.9330, 0.3301, 0.3740
Android (android.graphics.Color)	4293062597 (0xFFE2EFC5)
YUV	230.3250, -16.4292, -3.7930
Hunter-Lab	90.5168, -15.8113, 20.8991

Details

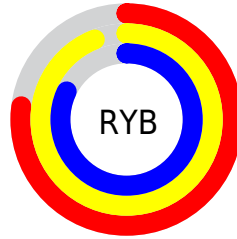
The YUV color $230.3250, -16.4292, -3.7930$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $205.6750, 16.4292, 3.7930$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.8860, -0.4368, 0.1000$, and $174.5530, -15.5556, -3.9930$ is the 20% darker color. If you saturate the color by 10%, you get $225.4960, -25.8805, -5.6970$, and if you desaturate by 10%, it is $235.1540, -6.9779, -1.8891$.

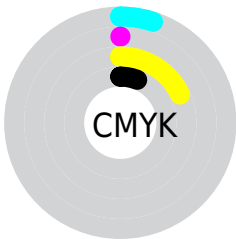
Distribution



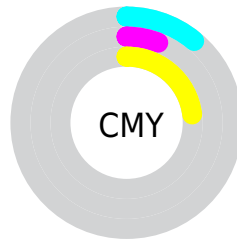
- Red (89%)
- Green (94%)
- Blue (77%)



- Red (77%)
- Yellow (94%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.3250, -16.4292, -3.7930 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 230.3250, -16.4292, -3.7930 by changing the saturation by 10% instead.

■ 230.3250,
-16.4292, -3.7930

■ 230.3250,
-16.4292, -3.7930

255.0000, 0.0000,
0.0000

■ 202.4390,
-15.9924, -3.8930

254.8860, -0.4368,
0.1000

■ 174.5530,
-15.5556, -3.9930

■ 147.9660,
-15.2662, -3.4782

■ 122.1940,
-14.3926, -3.6781

■ 97.3080, -13.9558,
-3.7781

■ 73.4220, -13.5190,
-3.8781

■ 50.6500, -12.6454,

-4.0780

■ 28.9060, -14.2507,
-2.5486

■ 9.3920, -4.6303,
-8.2368

■ 230.3250,
-16.4292, -3.7930

■ 230.3250,
-16.4292, -3.7930

■ 225.4960,
-25.8805, -5.6970

■ 235.1540, -6.9779,
-1.8891

■ 220.3680,
-35.1844, -8.2157

■ 240.2820, 2.3260,
0.6297

■ 215.5390,
-44.6357, -10.1197

■ 243.5150, 5.6621,
3.9333

■ 210.4110,
-53.9396, -12.6384

■ 245.6080, 4.6303,
8.2368

■ 205.6960,
-62.9541, -14.6424

■ 200.8670,
-72.4054, -16.5464

■ 195.7390,
-81.7093, -19.0651

■ 190.9100,
-91.1606, -20.9691

■ 189.6280,
-93.4866, -21.5988

Harmonies

Analogous

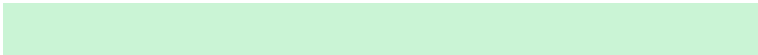
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.7080, -20.5620, 15.1651



230.3250, -16.4292, -3.7930



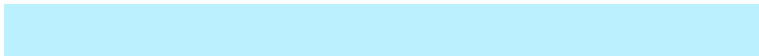
227.9080, -7.3496, -22.7213

Triad

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



230.3250, -16.4292, -3.7930



226.4500, 14.0752, -34.5976



231.4740, 1.2453, 20.6323

Complementary

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



230.3250, -16.4292, -3.7930



205.6750, 16.4292, 3.7930

Split Complementary

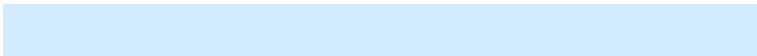
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.5150, 9.1131, 17.0883



230.3250, -16.4292, -3.7930



230.1040, 12.2737, -16.7542

Square

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



230.3250, -16.4292, -3.7930



225.8080, 14.3917, -42.8046



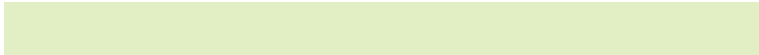
234.3670, 10.1721, 4.0631



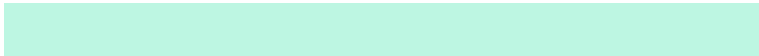
229.6670, -8.2168, 22.2170

Rectangle

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



230.3250, -16.4292, -3.7930



226.6770, -0.3338, -33.0427



234.3670, 10.1721, 4.0631



232.2720, 4.3029, 19.9325

Sweetspot

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



230.3250, -16.4292, -3.7930



252.3220, -5.0887, -1.1594



217.1890, -9.9532, 19.1282



126.1910, -3.0522, -1.0445



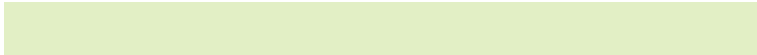
0.0000, 0.0000, 0.0000



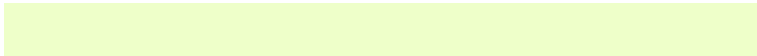
128.0000, 0.0000, 0.0000

Same Dimension

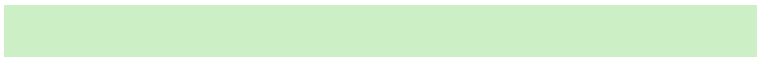
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.3250, -16.4292, -3.7930



243.7610, -21.0812, -5.0524



224.0460, -13.3337, -16.7033



117.4360, -4.6519, -1.2594



145.9810, -71.9686, -16.6463



44.5330, -21.9548, -4.8524

Inverse Universe

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



205.6750, 16.4292, 3.7930



212.2390, 21.0812, 5.0524



211.9540, 13.3337, 16.7033



110.5640, 4.6519, 1.2594



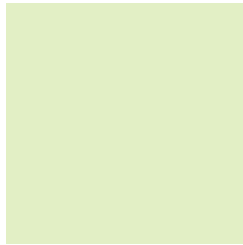
38.0190, 71.9686, 16.6463



11.4670, 21.9548, 4.8524

Previews

White Background



This preview shows how the YUV color 230.3250, -16.4292, -3.7930 looks on a white background.

Color Contrast Check

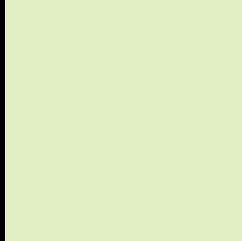
Large Text (above 18pt) WCAG AA × Fail

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 230.3250, -16.4292, -3.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

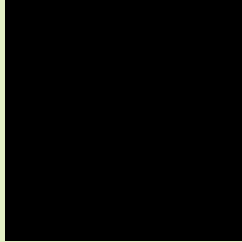
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

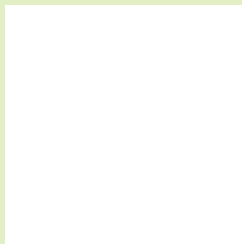
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.3250, -16.4292, -3.7930

Background



This preview shows how black text looks on a background with the YUV color 230.3250, -16.4292, -3.7930.



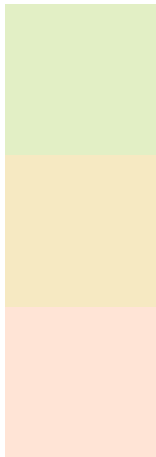
This preview shows how white text looks on a background with the YUV color 230.3250, -16.4292, -3.7930.

-3.7930.

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

230.3250, -16.4292, -3.7930

Protanopia

232.4410, -18.9514, 11.8912

Deuteranopia

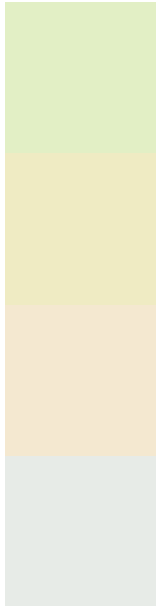
234.4770, -10.0952, 17.9987



Tritanopia

234.6500, 7.5676, -0.5700

Trichromacy



Original Color

230.3250, -16.4292, -3.7930

Protanomaly

231.6360, -18.0615, 6.4582

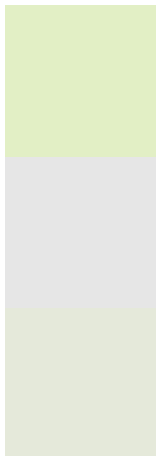
Deuteranomaly

232.8520, -12.2520, 9.7768

Tritanomaly

233.3480, -1.1576, -2.0592

Monochromacy



Original Color

230.3250, -16.4292, -3.7930

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.0940, -5.9623, -0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.3250, -16.4292, -3.7930 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(226, 239, 197)` looks like.

```
.text, #text, p{  
    color:rgb(226, 239, 197)  
}
```

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(226, 239, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 239, 197) }
```

Border

The CSS property to change the border of an element to YUV 230.3250, -16.4292, -3.7930 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(226, 239, 197) }
```


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

```
.border{ border-color:rgb(226, 239, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 239, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 239, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 239, 197); box-shadow:4px 4px 4px 4px rgb(226, 239, 197) }
```

Background

The CSS property to change the background color of an element to YUV 230.3250, -16.4292, -3.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 239, 197) }
```

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

```
.background{ background-color: rgb(226,  
239, 197) }
```

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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