

Converting Colors

YUV(231.7470, -9.7353, -4.1631)

Have a look what the booklet for
YUV(231.7470, -9.7353, -4.1631)
contains.

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Color

**YUV(231.7470, -9.7353,
-4.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EED4
RGB	227, 238, 212
RGB Percent	89%, 93%, 83%
CMY	0.1098, 0.0667, 0.1686
CMYK	0.05, 0.00, 0.11, 0.07
HSL	85°, 43%, 88%
HSV	85°, 11%, 93%
XYZ	74.1368, 82.2334, 74.2526
YIQ	231.7470, 1.7900, -10.4180

Conversions

Conversions Part 2

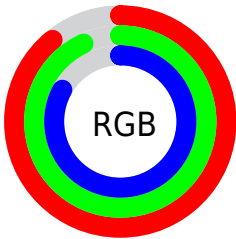
Format	Color
R _Y B	212, 238, 223
Decimal	14937812
CIE Lab	92.68, -8.18, 11.33
CIE LCh	93, 13.978, 125.819
Yxy	82.2334, 0.3215, 0.3566
Android (android.graphics.Color)	4293127892 (0xFFE3EED4)
YUV	231.7470, -9.7353, -4.1631
Hunter-Lab	90.6827, -12.7636, 14.9301

Details

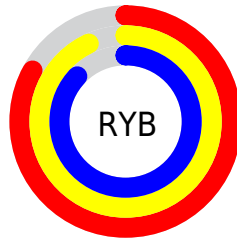
The YUV color **231.7470, -9.7353, -4.1631** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **218.2530, 9.7353, 4.1631**, and the grayscale version is **232.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **176.1600, -9.4459, -3.6483** is the 20% darker color. If you saturate the color by 10%, you get **226.0210, -18.7444, -7.9114**, and if you desaturate by 10%, it is **237.4730, -0.7262, -0.4148**.

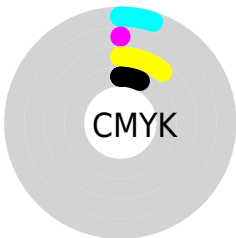
Distribution



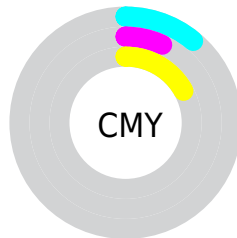
- Red (89%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.7470, -9.7353, -4.1631 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 231.7470, -9.7353, -4.1631 by changing the saturation by 10% instead.

■ 231.7470, -9.7353,
-4.1631

■ 231.7470, -9.7353,
-4.1631

255.0000, 0.0000,
0.0000

■ 203.7470, -9.7353,
-4.1631

■ 176.1600, -9.4459,
-3.6483

■ 149.2740, -9.0091,
-3.7483

■ 123.3880, -8.5723,
-3.8483

■ 98.5020, -8.1355,
-3.9483

■ 74.9150, -7.8461,
-3.4335

■ 52.0290, -7.4093,

-3.5334

■ 31.0290, -7.4093,
-3.5334

■ 8.8050, -4.3409,
-7.7220

■ 231.7470, -9.7353,
-4.1631

■ 231.7470, -9.7353,
-4.1631

■ 226.0210,
-18.7444, -7.9114

■ 237.4730, -0.7262,
-0.4148

■ 220.2950,
-27.7534, -11.6597

■ 242.6290, 6.0989,
3.8334

■ 214.6830,
-36.3257, -15.5080

■ 245.0210, 4.9196,
8.7516

■ 208.9570,
-45.3348, -19.2563

■ 203.2310,
-54.3439, -23.0046

■ 197.5050,
-63.3530, -26.7529

■ 191.7790,
-72.3620, -30.5012

■ 185.8680,
-80.7869, -34.9642

■ 180.6690,
-89.0698, -38.2977

Harmonies

Analogous

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



233.3140, -12.9728, 7.6176



231.7470, -9.7353, -4.1631



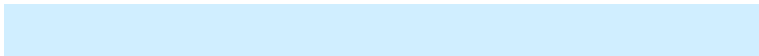
230.2770, -3.5876, -16.0289

Triad

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



231.7470, -9.7353, -4.1631



230.9680, 11.8478, -20.1429



234.7680, -1.3646, 17.7435

Complementary

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



231.7470, -9.7353, -4.1631



218.2530, 9.7353, 4.1631

Split Complementary

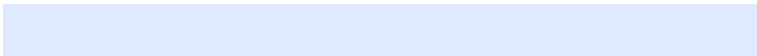
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.5380, 4.1718, 15.3142



231.7470, -9.7353, -4.1631



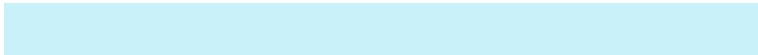
233.1050, 10.7942, -8.8621

Square

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



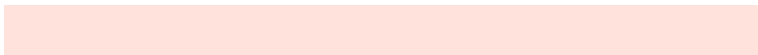
231.7470, -9.7353, -4.1631



229.9520, 9.3907, -25.3909



235.8400, 9.4459, 3.6483



233.8730, -7.3324, 18.5284

Rectangle

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



231.7470, -9.7353, -4.1631



229.7970, 1.0861, -21.7470



235.8400, 9.4459, 3.6483



235.2240, 0.3826, 17.3436

Sweetspot

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



231.7470, -9.7353, -4.1631



253.1910, -3.0522, -1.0445



226.2310, -7.0159, 10.3214



126.4190, -2.1786, -1.2445



0.0000, 0.0000, 0.0000



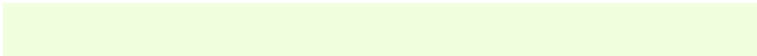
128.0000, 0.0000, 0.0000

Same Dimension

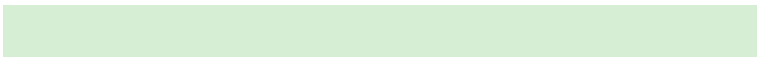
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.7470, -9.7353, -4.1631



247.0520, -12.3506, -5.3076



227.8600, -7.8190, -12.1552



117.1370, -4.5045, -1.8741



139.7020, -68.8731, -29.5567



42.4400, -20.9229, -9.1559

Inverse Universe

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



218.2530, 9.7353, 4.1631



229.9480, 12.3506, 5.3076



222.1400, 7.8190, 12.1552



110.8630, 4.5045, 1.8741



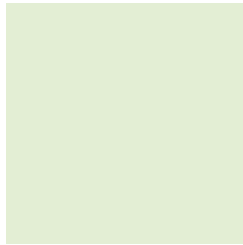
44.2980, 68.8731, 29.5567



13.5600, 20.9229, 9.1559

Previews

White Background



This preview shows how the YUV color 231.7470, -9.7353, -4.1631 looks on a white background.

Color Contrast Check

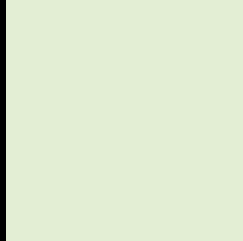
Large Text (above 18pt) WCAG AA × Fail

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 231.7470, -9.7353, -4.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

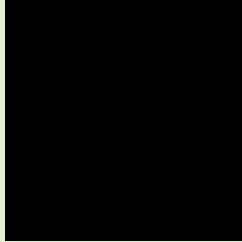
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

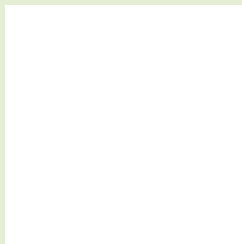
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.7470, -9.7353, -4.1631

Background



This preview shows how black text looks on a background with the YUV color 231.7470, -9.7353, -4.1631.



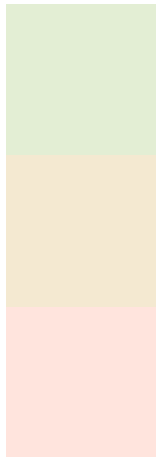
This preview shows how white text looks on a background with the YUV color 231.7470, -9.7353, -4.1631.

-4.1631.

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

231.7470, -9.7353, -4.1631

Protanopia

233.5530, -12.1046, 9.1620

Deuteranopia

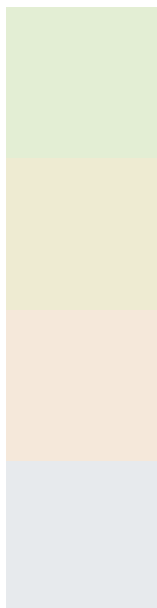
235.2750, -7.0376, 17.2988



Tritanopia

234.4650, 8.1518, -1.2848

Trichromacy



Original Color

231.7470, -9.7353, -4.1631

Protanomaly

233.0470, -11.3622, 4.3438

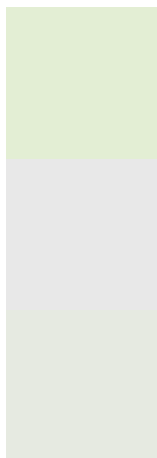
Deuteranomaly

234.2910, -8.0315, 9.3918

Tritanomaly

233.4450, 1.7526, -2.1443

Monochromacy



Original Color

231.7470, -9.7353, -4.1631

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.7780, -3.3416, -1.5593

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.7470, -9.7353, -4.1631 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(227, 238, 212)` looks like.

```
.text, #text, p{  
    color:rgb(227, 238, 212)  
}
```

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(227, 238, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 238, 212) }
```

Border

The CSS property to change the border of an element to YUV 231.7470, -9.7353, -4.1631 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(227, 238, 212) }
```


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

```
.border{ border-color:rgb(227, 238, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 238, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 238, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 238, 212);  
box-shadow:4px 4px 4px 4px rgb(227, 238,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 231.7470, -9.7353, -4.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 238, 212) }
```

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

```
.background{ background-color: rgb(227,  
238, 212) }
```

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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