

Converting Colors

YUV(233.1400, -15.8450,
-4.5078)

Have a look what the booklet for
YUV(233.1400, -15.8450, -4.5078)
contains.

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Color

**YUV(233.1400, -15.8450,
-4.5078)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F2C9
RGB	228, 242, 201
RGB Percent	89%, 95%, 79%
CMY	0.1059, 0.0510, 0.2118
CMYK	0.06, 0.00, 0.17, 0.05
HSL	80°, 61%, 87%
HSV	80°, 17%, 95%
XYZ	74.2897, 84.2153, 67.5980
YIQ	233.1400, 4.8170, -15.7190

Conversions

Conversions Part 2

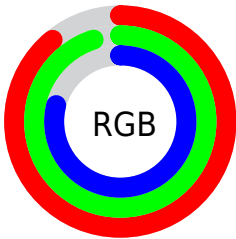
Format	Color
R _Y B	201, 242, 215
Decimal	15004361
CIE Lab	93.54, -11.60, 18.25
CIE LCh	94, 21.625, 122.432
Yxy	84.2153, 0.3286, 0.3725
Android (android.graphics.Color)	4293194441 (0xFFE4F2C9)
YUV	233.1400, -15.8450, -4.5078
Hunter-Lab	91.7689, -16.0945, 20.5645

Details

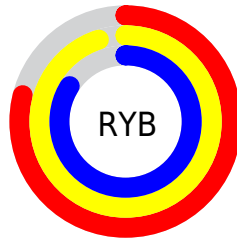
The YUV color $233.1400, -15.8450, -4.5078$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $209.8600, 15.8450, 4.5078$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.3680, -14.9714, -4.7077$ is the 20% darker color. If you saturate the color by 10%, you get $228.0120, -25.1489, -7.0265$, and if you desaturate by 10%, it is $238.2680, -6.5411, -1.9890$.

Distribution



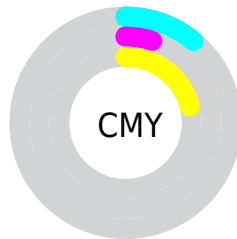
- Red (89%)
- Green (95%)
- Blue (79%)



- Red (79%)
- Yellow (95%)
- Blue (84%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.1400, -15.8450, -4.5078 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 233.1400, -15.8450, -4.5078 by changing the saturation by 10% instead.

■ 233.1400,
-15.8450, -4.5078

■ 233.1400,
-15.8450, -4.5078

255.0000, 0.0000,
0.0000

■ 205.2540,
-15.4082, -4.6078

■ 177.3680,
-14.9714, -4.7077

■ 150.7810,
-14.6820, -4.1929

■ 124.8950,
-14.2452, -4.2929

■ 100.0090,
-13.8084, -4.3929

■ 75.5360, -13.0822,
-3.9781

■ 52.7640, -12.2087,

-4.1780

■ 30.7210, -13.6665,
-3.2633

■ 11.1530, -5.4984,
-9.7812

■ 233.1400,
-15.8450, -4.5078

■ 233.1400,
-15.8450, -4.5078

■ 228.0120,
-25.1489, -7.0265

■ 238.2680, -6.5411,
-1.9890

■ 222.5850,
-34.3054, -10.1600

■ 243.6950, 2.6154,
1.1445

■ 217.3430,
-44.0461, -12.5788

■ 246.7710, 4.0569,
5.4628

■ 212.2150,
-53.3500, -15.0976

■ 247.3690, 3.7621,
6.6924

■ 207.0870,
-62.6539, -17.6163

■ 201.6600,
-71.8104, -20.7498

■ 196.5320,
-81.1143, -23.2686

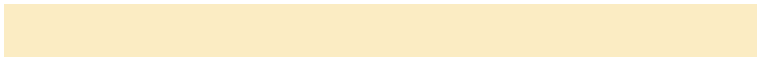
■ 191.2900,
-90.8550, -25.6873

■ 189.5950,
-93.4703, -26.8318

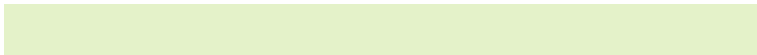
Harmonies

Analogous

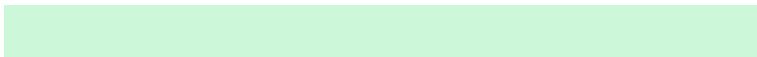
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.8110, -20.1198, 13.3208



233.1400, -15.8450, -4.5078



231.0220, -6.9128, -22.8213

Triad

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



233.1400, -15.8450, -4.5078



229.7060, 12.4699, -33.0682



233.3490, 0.8139, 18.9879

Complementary

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



233.1400, -15.8450, -4.5078



209.8600, 15.8450, 4.5078

Split Complementary

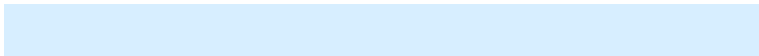
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.3900, 8.6817, 15.4440



233.1400, -15.8450, -4.5078



233.0610, 10.8159, -15.8395

Square

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



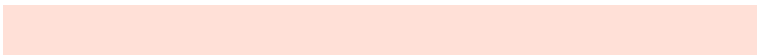
233.1400, -15.8450, -4.5078



228.7650, 12.9339, -41.8899



237.3240, 8.7143, 4.9779



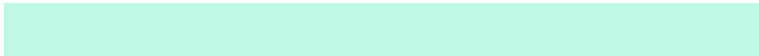
232.2430, -8.5008, 19.9579

Rectangle

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



233.1400, -15.8450, -4.5078



229.2040, 0.3924, -32.6279



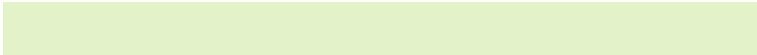
237.3240, 8.7143, 4.9779



234.2610, 4.3083, 18.1881

Sweetspot

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



233.1400, -15.8450, -4.5078



252.3220, -5.0887, -1.1594



221.4770, -10.0952, 17.9987



126.1910, -3.0522, -1.0445



0.0000, 0.0000, 0.0000



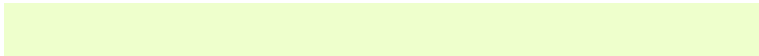
128.0000, 0.0000, 0.0000

Same Dimension

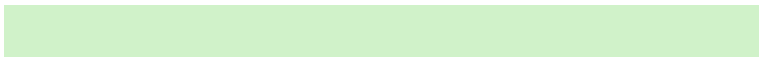
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.1400, -15.8450, -4.5078



244.1030, -19.7708, -5.3523



227.1600, -12.8969, -16.8033



117.4360, -4.6519, -1.2594



144.1870, -71.0842, -20.3350



43.9350, -21.6600, -6.0820

Inverse Universe

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



209.8600, 15.8450, 4.5078



214.8970, 19.7708, 5.3523



215.8400, 12.8969, 16.8033



110.5640, 4.6519, 1.2594



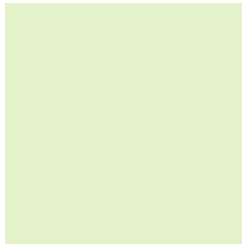
39.8130, 71.0842, 20.3350



12.0650, 21.6600, 6.0820

Previews

White Background



This preview shows how the YUV color 233.1400, -15.8450, -4.5078 looks on a white background.

Color Contrast Check

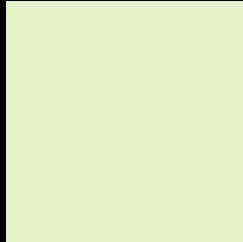
Large Text (above 18pt) WCAG AA × Fail

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 233.1400, -15.8450, -4.5078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

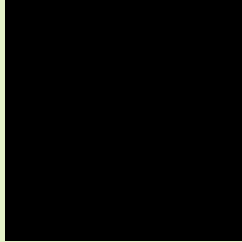
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

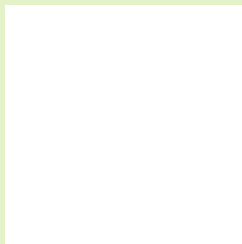
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.1400, -15.8450, -4.5078

Background



This preview shows how black text looks on a background with the YUV color 233.1400, -15.8450, -4.5078.



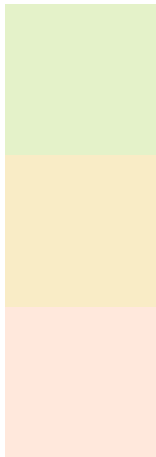
This preview shows how white text looks on a background with the YUV color 233.1400, -15.8450, -4.5078.

-4.5078.

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

233.1400, -15.8450, -4.5078

Protanopia

235.5550, -18.5146, 11.7913

Deuteranopia

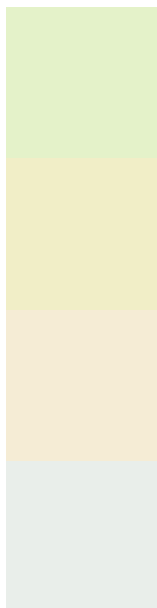
237.5090, -8.6319, 15.3396



Tritanopia

237.3510, 7.7150, -1.1848

Trichromacy



Original Color

233.1400, -15.8450, -4.5078

Protanomaly

234.4510, -17.4773, 5.7435

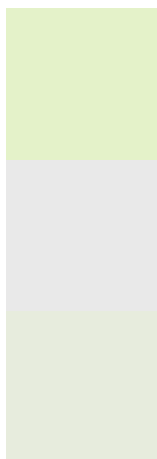
Deuteranomaly

236.0690, -11.3730, 7.8325

Tritanomaly

236.0490, -1.0102, -2.6740

Monochromacy



Original Color

233.1400, -15.8450, -4.5078

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.7950, -5.8149, -1.5742

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.1400, -15.8450, -4.5078 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, 242, 201)` looks like.

```
.text, #text, p{  
    color:rgb(228, 242, 201)  
}
```

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, 242, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 242, 201) }
```

Border

The CSS property to change the border of an element to YUV 233.1400, -15.8450, -4.5078 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, 242, 201) }
```


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

```
.border{ border-color:rgb(228, 242, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 242, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 242, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 242, 201);  
box-shadow:4px 4px 4px 4px rgb(228, 242,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 233.1400, -15.8450, -4.5078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 242, 201) }
```

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

```
.background{ background-color: rgb(228,  
242, 201) }
```

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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