

Converting Colors

YUV(236.0260, -16.2818,
-4.4078)

Have a look what the booklet for
YUV(236.0260, -16.2818, -4.4078)
contains.

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Color

**YUV(236.0260, -16.2818,
-4.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F5CB
RGB	231, 245, 203
RGB Percent	91%, 96%, 80%
CMY	0.0941, 0.0392, 0.2039
CMYK	0.06, 0.00, 0.17, 0.04
HSL	80°, 68%, 88%
HSV	80°, 17%, 96%
XYZ	76.3869, 86.6055, 69.1904
YIQ	236.0260, 5.1380, -16.0300

Conversions

Conversions Part 2

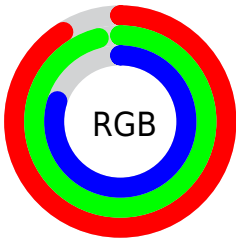
Format	Color
R_{YB}	203, 245, 217
Decimal	15201739
CIE Lab	94.57, -11.73, 18.69
CIE LCh	95, 22.068, 122.106
Yxy	86.6055, 0.3290, 0.3730
Android (android.graphics.Color)	4293391819 (0xFFE7F5CB)
YUV	236.0260, -16.2818, -4.4078
Hunter-Lab	93.0621, -16.3429, 21.0621

Details

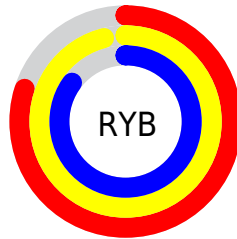
The YUV color $236.0260, -16.2818, -4.4078$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $211.9740, 16.2818, 4.4078$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.2540, -15.4082, -4.6078$ is the 20% darker color. If you saturate the color by 10%, you get $230.7840, -26.0225, -6.8266$, and if you desaturate by 10%, it is $241.1540, -6.9779, -1.8891$.

Distribution



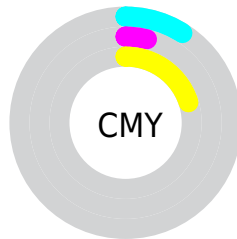
- Red (91%)
- Green (96%)
- Blue (80%)



- Red (80%)
- Yellow (96%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.0260, -16.2818, -4.4078 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 236.0260, -16.2818, -4.4078 by changing the saturation by 10% instead.

■ 236.0260,
-16.2818, -4.4078

■ 236.0260,
-16.2818, -4.4078

255.0000, 0.0000,
0.0000

■ 208.1400,
-15.8450, -4.5078

■ 180.2540,
-15.4082, -4.6078

■ 153.3680,
-14.9714, -4.7077

■ 127.4820,
-14.5346, -4.8077

■ 102.0090,
-13.8084, -4.3929

■ 78.1230, -13.3716,
-4.4929

■ 55.2370, -12.9348,

-4.5928

■ 33.4220, -13.5190,
-3.8781

■ 12.3270, -6.0772,
-10.8108

■ 236.0260,
-16.2818, -4.4078

■ 236.0260,
-16.2818, -4.4078

■ 230.7840,
-26.0225, -6.8266

■ 241.1540, -6.9779,
-1.8891

■ 225.6560,
-35.3264, -9.3453

■ 246.3960, 2.7628,
0.5297

■ 220.2290,
-44.4829, -12.4788

■ 249.1300, 2.8939,
5.1480

■ 214.9870,
-54.2236, -14.8976

■ 209.7450,
-63.9643, -17.3164

■ 204.6170,
-73.2682, -19.8351

■ 199.3750,
-83.0089, -22.2539

■ 194.2470,
-92.3128, -24.7726

■ 192.5520,
-94.9281, -25.9171

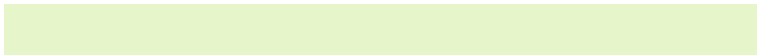
Harmonies

Analogous

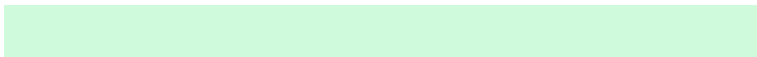
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.4090, -20.4146, 14.5503



236.0260, -16.2818, -4.4078



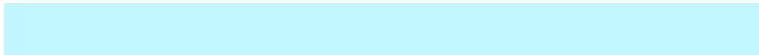
233.6090, -7.2022, -23.3361

Triad

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



236.0260, -16.2818, -4.4078



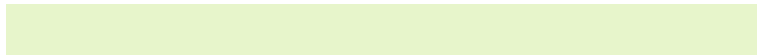
232.0650, 11.3070, -33.3830



235.5660, 1.6930, 17.0436

Complementary

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



236.0260, -16.2818, -4.4078



211.9740, 16.2818, 4.4078

Split Complementary

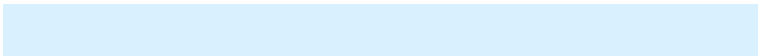
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5640, 8.1029, 14.4144



236.0260, -16.2818, -4.4078



235.4200, 9.6529, -16.1543

Square

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



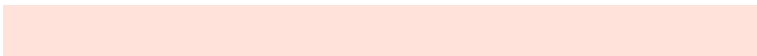
236.0260, -16.2818, -4.4078



231.1240, 11.7709, -42.2047



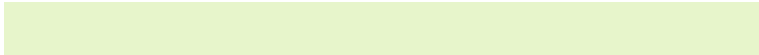
239.0960, 7.8407, 5.1778



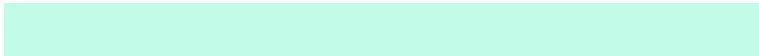
233.7590, -7.7692, 18.6284

Rectangle

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



236.0260, -16.2818, -4.4078



232.4920, 0.2504, -33.7575



239.0960, 7.8407, 5.1778



236.3640, 4.7505, 16.3438

Sweetspot

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



236.0260, -16.2818, -4.4078



252.3220, -5.0887, -1.1594



223.7760, -10.2426, 18.6134



126.1910, -3.0522, -1.0445



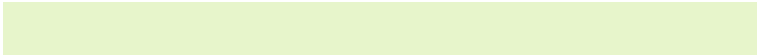
0.0000, 0.0000, 0.0000



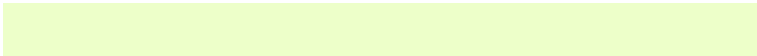
128.0000, 0.0000, 0.0000

Same Dimension

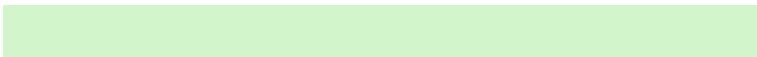
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.0260, -16.2818, -4.4078



243.4620, -20.9338, -5.6672



229.7470, -13.1863, -17.3181



119.4360, -4.6519, -1.2594



146.2580, -72.1052, -19.5203



46.2940, -22.8229, -6.3968

Inverse Universe

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



211.9740, 16.2818, 4.4078



212.5380, 20.9338, 5.6672



218.2530, 13.1863, 17.3181



112.5640, 4.6519, 1.2594



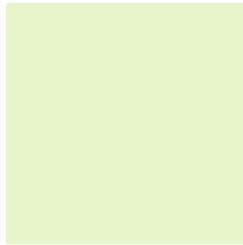
39.7420, 72.1052, 19.5203



12.7060, 22.8229, 6.3968

Previews

White Background



This preview shows how the YUV color 236.0260, -16.2818, -4.4078 looks on a white background.

Color Contrast Check

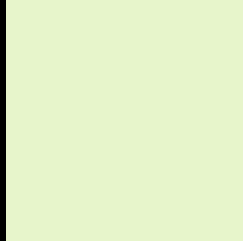
Large Text (above 18pt) WCAG AA × Fail

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 236.0260, -16.2818, -4.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

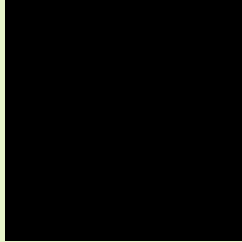
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

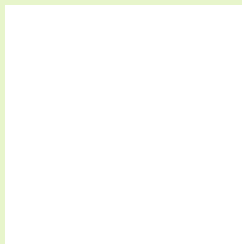
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.0260, -16.2818, -4.4078

Background



This preview shows how black text looks on a background with the YUV color 236.0260, -16.2818, -4.4078.



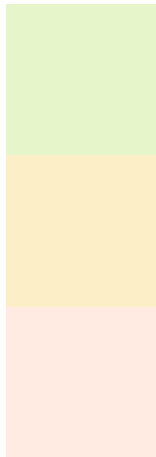
This preview shows how white text looks on a background with the YUV color 236.0260, -16.2818, -4.4078.

-4.4078.

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

236.0260, -16.2818, -4.4078

Protanopia

238.4410, -18.9514, 11.8912

Deuteranopia

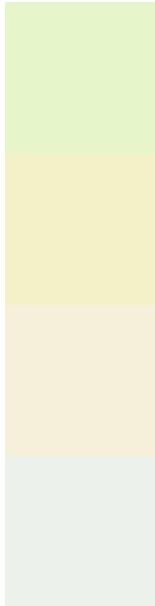
239.9540, -6.8793, 13.1953



Tritanopia

240.2370, 7.2782, -1.0848

Trichromacy



Original Color

236.0260, -16.2818, -4.4078

Protanomaly

237.3370, -17.9141, 5.8435

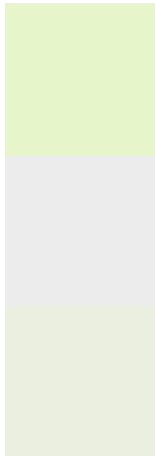
Deuteranomaly

238.6990, -10.2046, 6.4030

Tritanomaly

238.9350, -1.4470, -2.5740

Monochromacy



Original Color

236.0260, -16.2818, -4.4078

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.7950, -5.8149, -1.5742

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.0260, -16.2818, -4.4078 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(231, 245, 203)` looks like.

```
.text, #text, p{  
    color:rgb(231, 245, 203)  
}
```

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(231, 245, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 245, 203) }
```

Border

The CSS property to change the border of an element to YUV 236.0260, -16.2818, -4.4078 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(231, 245, 203) }
```


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

```
.border{ border-color:rgb(231, 245, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 245, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 245, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 245, 203);  
box-shadow:4px 4px 4px 4px rgb(231, 245,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 236.0260, -16.2818, -4.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 245, 203) }
```

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

```
.background{ background-color: rgb(231,  
245, 203) }
```

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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