

Converting Colors

YUV(236.2770, -20.3496,
-6.3819)

Have a look what the booklet for
YUV(236.2770, -20.3496, -6.3819)
contains.

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Color

**YUV(236.2770, -20.3496,
-6.3819)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E5F8C3 |
| RGB | 229, 248, 195 |
| RGB Percent | 90%, 97%, 76% |
| CMY | 0.1020, 0.0275, 0.2353 |
| CMYK | 0.08, 0.00, 0.21, 0.03 |
| HSL | 82°, 79%, 87% |
| HSV | 82°, 21%, 97% |
| XYZ | 75.7308, 87.7329, 64.5725 |
| YIQ | 236.2770, 5.6890, -20.5110 |

Conversions

Conversions Part 2

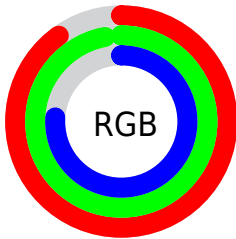
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 195, 248, 214 |
| Decimal | 15071427 |
| CIELab | 95.05, -15.12, 23.43 |
| CIELCh | 95, 27.887, 122.840 |
| Yxy | 87.7329, 0.3321, 0.3847 |
| Android (android.graphics.Color) | 4293261507 (0xFFE5F8C3) |
| YUV | 236.2770, -20.3496, -6.3819 |
| Hunter-Lab | 93.6659, -19.5943, 24.6921 |

Details

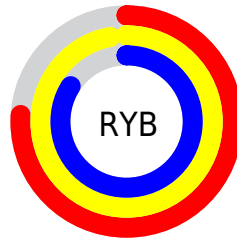
The YUV color $236.2770, -20.3496, -6.3819$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $206.7230, 20.3496, 6.3819$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, -1.3104, 0.2999$, and $180.5050, -19.4760, -6.5819$ is the 20% darker color. If you saturate the color by 10%, you get $230.7360, -29.9428, -9.4155$, and if you desaturate by 10%, it is $241.8180, -10.7563, -3.3484$.

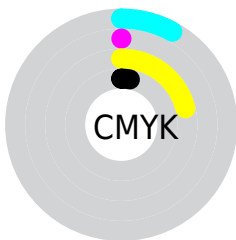
Distribution



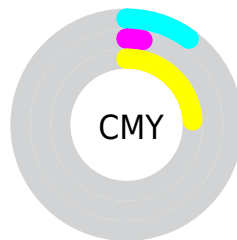
- Red (90%)
- Green (97%)
- Blue (76%)



- Red (76%)
- Yellow (97%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)



- Cyan (10%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.2770, -20.3496, -6.3819 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 236.2770, -20.3496, -6.3819 by changing the saturation by 10% instead.

■ 236.2770,
-20.3496, -6.3819

■ 236.2770,
-20.3496, -6.3819

255.0000, 0.0000,
0.0000

■ 207.8040,
-19.6234, -5.9671

254.6580, -1.3104,
0.2999

■ 180.5050,
-19.4760, -6.5819

■ 153.0320,
-18.7498, -6.1671

■ 127.2600,
-17.8762, -6.3670

■ 102.3740,
-17.4394, -6.4670

■ 77.9010, -16.7132,
-6.0522

■ 55.0150, -16.2764,

-6.1522

■ 33.3140, -16.4238,
-5.5374

■ 14.0880, -6.9454,
-12.3552

■ 236.2770,
-20.3496, -6.3819

■ 236.2770,
-20.3496, -6.3819

■ 230.7360,
-29.9428, -9.4155

■ 241.8180,
-10.7563, -3.3484

■ 225.1950,
-39.5361, -12.4490

■ 247.3590, -1.1630,
-0.3148

■ 219.7680,
-48.6926, -15.5825

■ 250.8910, 2.0257,
3.6036

■ 214.2270,
-58.2859, -18.6161

■ 208.9850,
-68.0266, -21.0348

■ 203.4440,
-77.6199, -24.0684

■ 197.9030,
-87.2132, -27.1019

■ 193.1170,
-95.2067, -29.9206

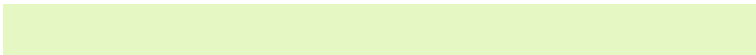
Harmonies

Analogous

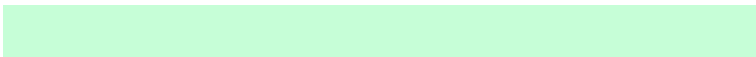
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.4430, -25.3614, 14.5205



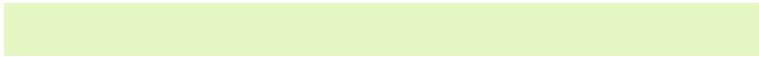
236.2770, -20.3496, -6.3819



232.8100, -8.7803, -30.5284

Triad

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



236.2770, -20.3496, -6.3819



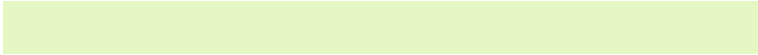
229.6400, 12.5025, -43.5343



233.8050, 2.5611, 18.5880

Complementary

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



236.2770, -20.3496, -6.3819



206.7230, 20.3496, 6.3819

Split Complementary

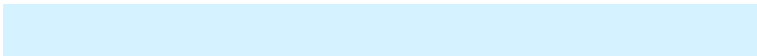
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.3900, 8.6817, 15.4440



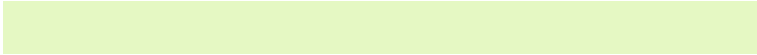
236.2770, -20.3496, -6.3819



234.5120, 10.1006, -19.7430

Square

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



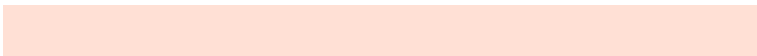
236.2770, -20.3496, -6.3819



228.0900, 13.2666, -55.3299



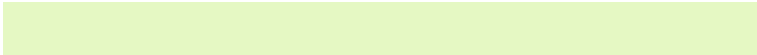
240.2920, 7.2510, 7.6369



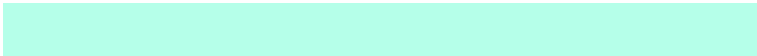
232.0150, -9.3744, 20.1578

Rectangle

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



236.2770, -20.3496, -6.3819



230.3660, 1.2986, -43.2940



240.2920, 7.2510, 7.6369



234.8310, 6.4923, 17.6882

Sweetspot

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



236.2770, -20.3496, -6.3819



251.7950, -5.8149, -1.5742



222.0000, -13.3110, 22.8020



125.7780, -3.3416, -1.5593



0.0000, 0.0000, 0.0000



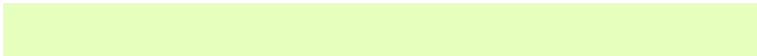
128.0000, 0.0000, 0.0000

Same Dimension

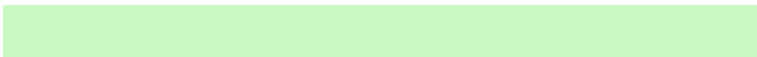
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.2770, -20.3496, -6.3819



240.3000, -25.2909, -8.1561



228.5030, -16.5170, -22.3661



122.0230, -4.9413, -1.7742



147.1220, -72.5311, -22.9090



47.4680, -23.4017, -7.4264

Inverse Universe

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



206.7230, 20.3496, 6.3819



203.4010, 25.4383, 7.5413



214.4970, 16.5170, 22.3661



114.9770, 4.9413, 1.7742



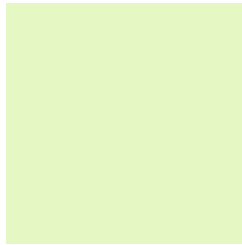
41.8780, 72.5311, 22.9090



13.5320, 23.4017, 7.4264

Previews

White Background



This preview shows how the YUV color 236.2770, -20.3496, -6.3819 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 236.2770, -20.3496, -6.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

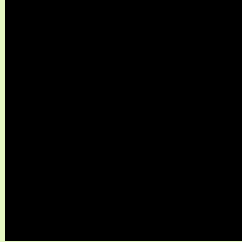
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

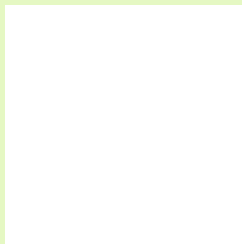
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.2770, -20.3496, -6.3819

Background



This preview shows how black text looks on a background with the YUV color 236.2770, -20.3496, -6.3819.



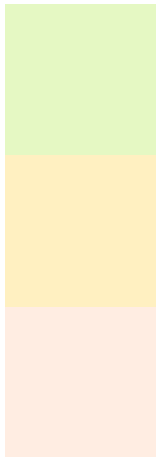
This preview shows how white text looks on a background with the YUV color 236.2770, -20.3496, -6.3819.

-6.3819.

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

236.2770, -20.3496, -6.3819

Protanopia

239.1270, -22.7406, 13.9206

Deuteranopia

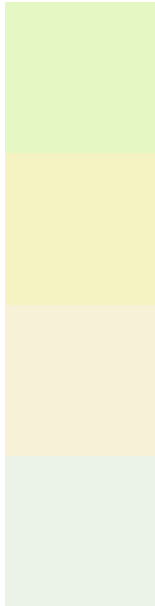
241.1280, -7.4581, 12.1657



Tritanopia

241.4110, 6.6994, -2.1144

Trichromacy



Original Color

236.2770, -20.3496, -6.3819

Protanomaly

238.3110, -21.8453, 6.7433

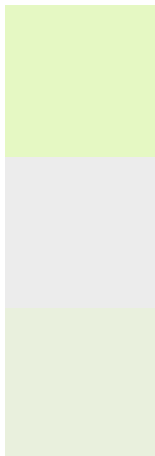
Deuteranomaly

239.5310, -12.0938, 5.6733

Tritanomaly

239.4680, -3.1887, -3.9184

Monochromacy



Original Color

236.2770, -20.3496, -6.3819

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.7410, -7.2673, -2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.2770, -20.3496, -6.3819 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(229, 248, 195)` looks like.

```
.text, #text, p{  
    color:rgb(229, 248, 195)  
}
```

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(229, 248, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 248, 195) }
```

Border

The CSS property to change the border of an element to YUV 236.2770, -20.3496, -6.3819 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(229, 248, 195) }
```


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

```
.border{ border-color:rgb(229, 248, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 248, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 248, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 248, 195);  
box-shadow:4px 4px 4px 4px rgb(229, 248,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 236.2770, -20.3496, -6.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 248, 195) }
```

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

```
.background{ background-color: rgb(229,  
248, 195) }
```

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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