

Converting Colors

YUV(235.0600, -21.2286,
-4.4376)

Have a look what the booklet for
YUV(235.0600, -21.2286, -4.4376)
contains.

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Color

**YUV(235.0600, -21.2286,
-4.4376)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E6F6C0 |
| RGB | 230, 246, 192 |
| RGB Percent | 90%, 96%, 75% |
| CMY | 0.0980, 0.0353, 0.2471 |
| CMYK | 0.07, 0.00, 0.22, 0.04 |
| HSL | 78°, 75%, 86% |
| HSV | 78°, 22%, 96% |
| XYZ | 75.1033, 86.5403, 62.6148 |
| YIQ | 235.0600, 7.7980, -20.1860 |

Conversions

Conversions Part 2

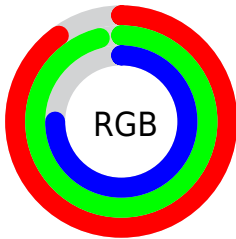
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 192, 246, 208 |
| Decimal | 15136448 |
| CIELab | 94.54, -14.23, 24.27 |
| CIELCh | 95, 28.137, 120.376 |
| Yxy | 86.5403, 0.3349, 0.3859 |
| Android (android.graphics.Color) | 4293326528 (0xFFE6F6C0) |
| YUV | 235.0600, -21.2286, -4.4376 |
| Hunter-Lab | 93.0270, -18.6893, 25.2119 |

Details

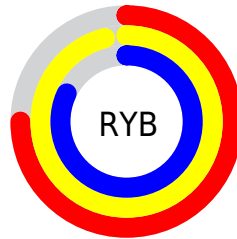
The YUV color $235.0600, -21.2286, -4.4376$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $202.9400, 21.2286, 4.4376$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, -2.6208, 0.5999$, and $179.2880, -20.3550, -4.6376$ is the 20% darker color. If you saturate the color by 10%, you get $230.1170, -31.1167, -6.2416$, and if you desaturate by 10%, it is $240.0030, -11.3405, -2.6336$.

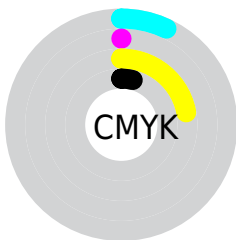
Distribution



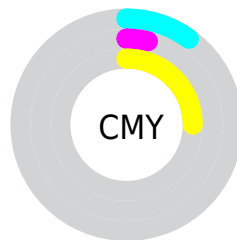
- Red (90%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.0600, -21.2286, -4.4376 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 235.0600, -21.2286, -4.4376 by changing the saturation by 10% instead.

■ 235.0600,
-21.2286, -4.4376

■ 235.0600,
-21.2286, -4.4376

255.0000, 0.0000,
0.0000

■ 207.1740,
-20.7918, -4.5376

■ 254.3160, -2.6208,
0.5999

■ 179.2880,
-20.3550, -4.6376

■ 152.5160,
-19.4814, -4.8375

■ 126.0430,
-18.7552, -4.4227

■ 101.1570,
-18.3184, -4.5227

■ 77.2710, -17.8816,
-4.6227

■ 53.4990, -17.0080,

-4.8226

■ 32.4390, -15.9924,
-3.8930

■ 12.9140, -6.3666,
-11.3256

■ 235.0600,
-21.2286, -4.4376

■ 235.0600,
-21.2286, -4.4376

■ 230.1170,
-31.1167, -6.2416

■ 240.0030,
-11.3405, -2.6336

■ 224.9890,
-40.4206, -8.7604

■ 245.1310, -2.0366,
-0.1149

■ 220.0460,
-50.3087, -10.5643

■ 248.8200, 3.0467,
2.7889

■ 215.2170,
-59.7600, -12.4683

■ 249.7170, 2.6045,
4.6332

■ 210.2740,
-69.6481, -14.2723

■ 205.0320,
-79.3888, -16.6911

■ 200.2030,
-88.8401, -18.5950

■ 196.1290,
-96.6916, -20.2841

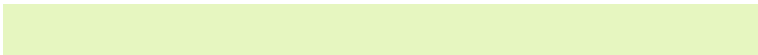
Harmonies

Analogous

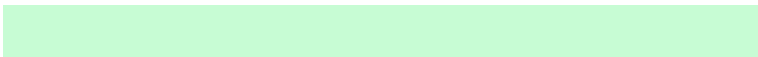
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.0410, -25.6562, 15.7500



235.0600, -21.2286, -4.4376



231.5930, -9.6593, -28.5841

Triad

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



235.0600, -21.2286, -4.4376



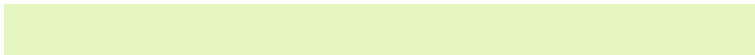
227.8570, 13.3815, -45.4786



232.7450, 3.5767, 19.5176

Complementary

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



235.0600, -21.2286, -4.4376



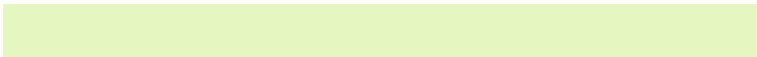
202.9400, 21.2286, 4.4376

Split Complementary

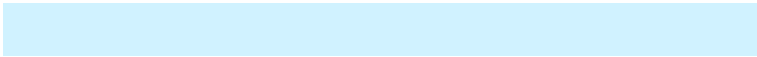
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.8030, 8.9711, 15.9588



235.0600, -21.2286, -4.4376



233.3160, 10.6902, -22.2021

Square

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



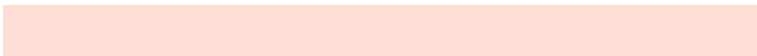
235.0600, -21.2286, -4.4376



226.9050, 13.8508, -56.0447



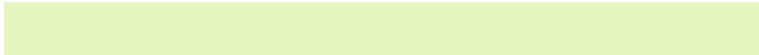
238.2100, 8.2775, 5.0778



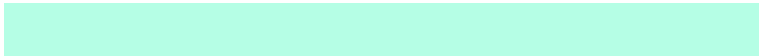
230.8410, -8.7956, 21.1874

Rectangle

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



235.0600, -21.2286, -4.4376



229.3230, -0.1592, -42.3793



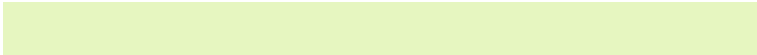
238.2100, 8.2775, 5.0778



234.3580, 7.2185, 18.1030

Sweetspot

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



235.0600, -21.2286, -4.4376



251.4530, -7.1253, -1.2743



216.9510, -12.3008, 25.4760



125.5500, -4.2151, -1.3593



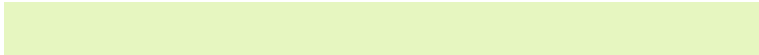
0.0000, 0.0000, 0.0000



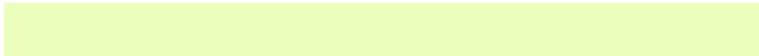
128.0000, 0.0000, 0.0000

Same Dimension

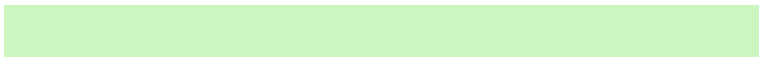
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.0600, -21.2286, -4.4376



241.4960, -25.8805, -5.6970



227.2860, -17.3960, -20.4218



119.7350, -4.7994, -0.6446



148.3510, -73.1370, -15.2168



46.8920, -23.1178, -5.1673

Inverse Universe

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



202.9400, 21.2286, 4.4376



202.2050, 26.0279, 5.0822



210.7140, 17.3960, 20.4218



112.5640, 4.6519, 1.2594



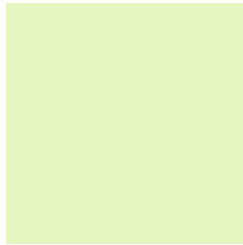
37.6490, 73.1370, 15.2168



11.8090, 23.2652, 4.5525

Previews

White Background



This preview shows how the YUV color 235.0600, -21.2286, -4.4376 looks on a white background.

Color Contrast Check

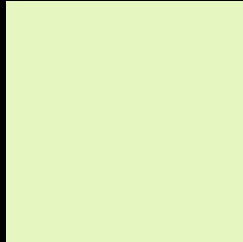
Large Text (above 18pt) WCAG AA × Fail

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 235.0600, -21.2286, -4.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

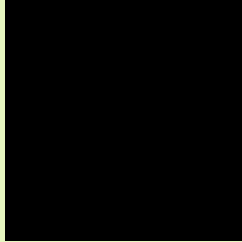
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

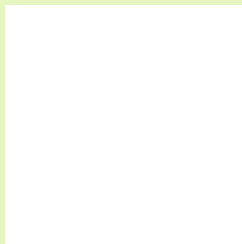
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.0600, -21.2286, -4.4376

Background



This preview shows how black text looks on a background with the YUV color 235.0600, -21.2286, -4.4376.



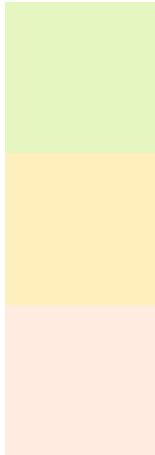
This preview shows how white text looks on a background with the YUV color 235.0600, -21.2286, -4.4376.

-4.4376.

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

235.0600, -21.2286, -4.4376

Protanopia

237.7850, -24.0510, 14.2206

Deuteranopia

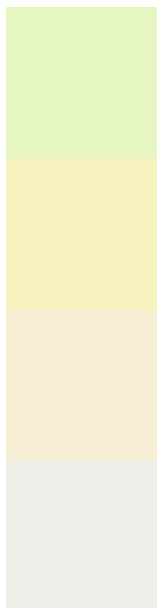
239.6120, -8.1897, 13.4953



Tritanopia

239.6500, 7.5676, -0.5700

Trichromacy



Original Color

235.0600, -21.2286, -4.4376

Protanomaly

236.9690, -23.1557, 7.0432

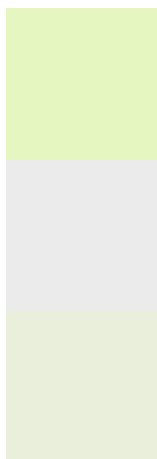
Deuteranomaly

238.0150, -12.8254, 7.0028

Tritanomaly

237.8920, -2.9048, -1.6593

Monochromacy



Original Color

235.0600, -21.2286, -4.4376

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.9260, -7.8515, -1.6891

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.0600, -21.2286, -4.4376 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(230, 246, 192)` looks like.

```
.text, #text, p{  
    color:rgb(230, 246, 192)  
}
```

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(230, 246, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 246, 192) }
```

Border

The CSS property to change the border of an element to YUV 235.0600, -21.2286, -4.4376 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(230, 246, 192) }
```


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

```
.border{ border-color:rgb(230, 246, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 246, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 246, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 246, 192); box-shadow:4px 4px 4px 4px rgb(230, 246, 192) }
```

Background

The CSS property to change the background color of an element to YUV 235.0600, -21.2286, -4.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 246, 192) }
```

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

```
.background{ background-color: rgb(230,  
246, 192) }
```

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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