

Converting Colors

YUV(236.4300, -5.6350,
-12.6551)

Have a look what the booklet for
YUV(236.4300, -5.6350, -12.6551)
contains.

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Color

**YUV(236.4300, -5.6350,
-12.6551)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF6E1
RGB	222, 246, 225
RGB Percent	87%, 96%, 88%
CMY	0.1294, 0.0353, 0.1176
CMYK	0.10, 0.00, 0.09, 0.04
HSL	127°, 57%, 92%
HSV	127°, 10%, 96%
XYZ	76.6706, 86.8774, 83.9622
YIQ	236.4300, -7.5630, -11.6190

Conversions

Conversions Part 2

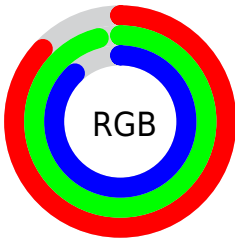
Format	Color
R _Y B	222, 243, 246
Decimal	14612193
CIE Lab	94.69, -11.65, 7.44
CIE LCh	95, 13.823, 147.456
Yxy	86.8774, 0.3098, 0.3510
Android (android.graphics.Color)	4292802273 (0xFFDEF6E1)
YUV	236.4300, -5.6350, -12.6551
Hunter-Lab	93.2080, -16.2845, 11.8369

Details

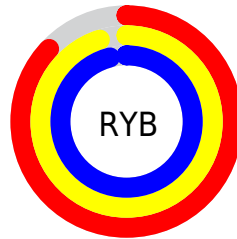
The YUV color $236.4300, -5.6350, -12.6551$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.5700, 5.6350, 12.6551$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.8430, -5.3456, -12.1403$ is the 20% darker color. If you saturate the color by 10%, you get $226.4470, -11.5594, -25.8250$, and if you desaturate by 10%, it is $246.4130, 0.2894, 0.5148$.

Distribution



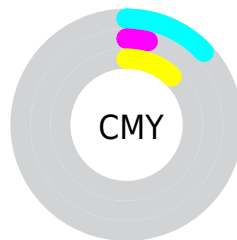
- Red (87%)
- Green (96%)
- Blue (88%)



- Red (87%)
- Yellow (95%)
- Blue (96%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.4300, -5.6350, -12.6551 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 236.4300, -5.6350, -12.6551 by changing the saturation by 10% instead.

■ 236.4300, -5.6350,
-12.6551

■ 236.4300, -5.6350,
-12.6551

255.0000, 0.0000,
0.0000

■ 208.4300, -5.6350,
-12.6551

■ 180.8430, -5.3456,
-12.1403

■ 153.8430, -5.3456,
-12.1403

■ 127.6690, -4.7668,
-11.1107

■ 102.6690, -4.7668,
-11.1107

■ 78.6690, -4.7668,
-11.1107

■ 55.4950, -4.1880,

-10.0811

■ 33.9080, -3.8986,
-9.5663

■ 12.3270, -6.0772,
-10.8108

■ 236.4300, -5.6350,
-12.6551

■ 236.4300, -5.6350,
-12.6551

■ 226.4470,
-11.5594, -25.8250

■ 246.4130, 0.2894,
0.5148

■ 216.8770,
-17.1944, -38.4801

■ 249.7170, 2.6045,
4.6332

■ 206.8940,
-23.1187, -51.6500

■ 197.3240,
-28.7537, -64.3051

■ 187.3410,
-34.6781, -77.4751

■ 177.4720,
-40.1657, -90.7449

■ 167.7880,
-46.2375, -103.3001

■ 157.9190,
-51.7251, -116.5700

■ 148.2350,
-57.7969, -129.1251

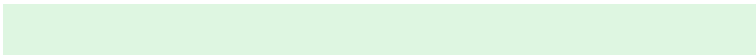
Harmonies

Analogous

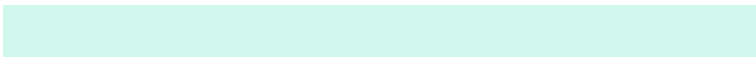
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.1280, -10.9091, -0.9893



236.4300, -5.6350, -12.6551



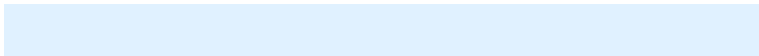
235.4980, 1.2335, -22.3617

Triad

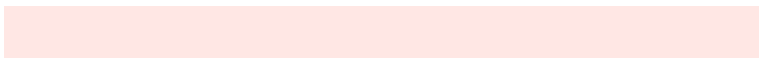
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.4300, -5.6350, -12.6551



237.5130, 8.6211, -11.8509



237.8340, -4.8482, 15.0546

Complementary

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



236.4300, -5.6350, -12.6551



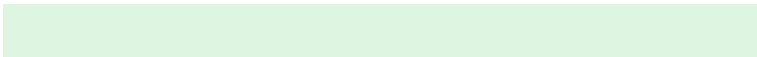
231.5700, 5.6350, 12.6551

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.



239.3160, 0.8302, 13.7549



236.4300, -5.6350, -12.6551



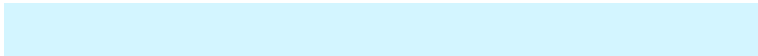
240.2480, 7.2727, 0.6595

Square

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



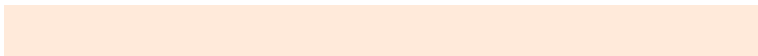
236.4300, -5.6350, -12.6551



235.9740, 9.3798, -21.9022



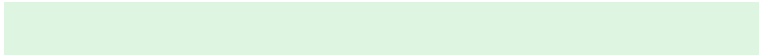
241.9720, 5.9298, 11.4256



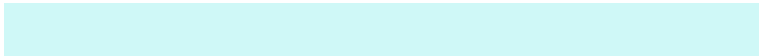
238.4550, -10.0843, 14.5100

Rectangle

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



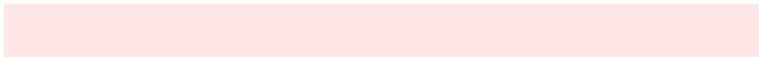
236.4300, -5.6350, -12.6551



235.6270, 5.6069, -25.1059



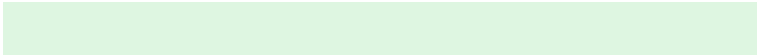
241.9720, 5.9298, 11.4256



238.2900, -3.1010, 14.6547

Sweetspot

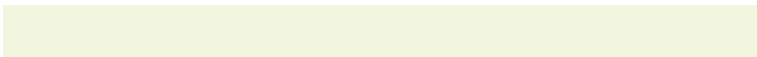
The Sweet Spot groups the original color and five complimentary colors.



236.4300, -5.6350, -12.6551



251.8100, -1.8783, -4.2184



242.3670, -10.0409, 0.5551



125.6360, -1.2995, -3.1888



0.0000, 0.0000, 0.0000



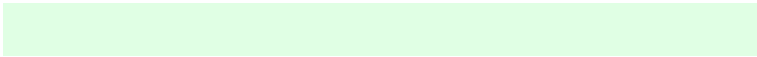
128.0000, 0.0000, 0.0000

Same Dimension

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



236.4300, -5.6350, -12.6551



242.6530, -7.2239, -16.3587



237.7980, -0.3934, -13.8548



117.2720, -2.5991, -6.3775



111.8040, -43.7804, -98.0521



35.4310, -14.0165, -31.0730

Inverse Universe

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



231.5700, 5.6350, 12.6551



236.3470, 7.2239, 16.3587



230.2020, 0.3934, 13.8548



114.8420, 3.0359, 6.2776



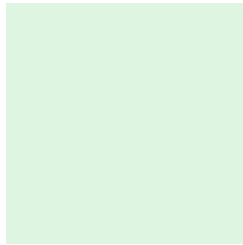
74.1960, 43.7804, 98.0521



23.4550, 13.5797, 31.1730

Previews

White Background



This preview shows how the YUV color 236.4300, -5.6350, -12.6551 looks on a white background.

Color Contrast Check

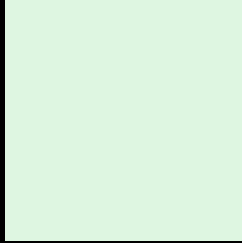
Large Text (above 18pt) WCAG AA × Fail

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 236.4300, -5.6350, -12.6551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

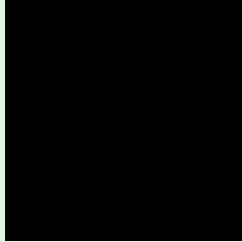
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

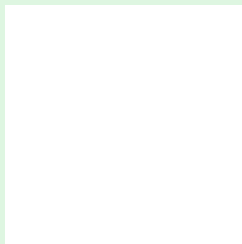
Any Text WCAG AAA ✓ Pass

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

YUV 236.4300, -5.6350, -12.6551 Background



This preview shows how black text looks on a background with the YUV color 236.4300, -5.6350, -12.6551.



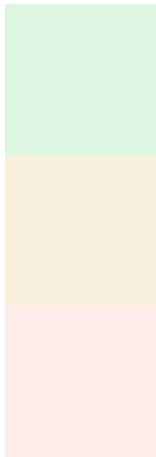
This preview shows how white text looks on a background with the YUV color 236.4300, -5.6350,

-12.6551.

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

236.4300, -5.6350, -12.6551

Protanopia

239.6390, -9.1890, 7.3326

Deuteranopia

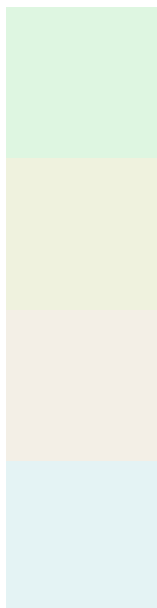
240.7520, -3.8217, 12.4955



Tritanopia

239.6060, 7.5892, -7.5475

Trichromacy



Original Color

236.4300, -5.6350, -12.6551

Protanomaly

238.8230, -8.2937, 0.1552

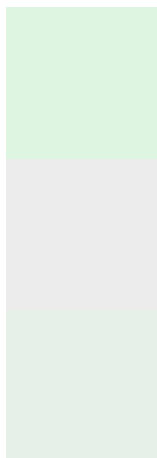
Deuteranomaly

239.1700, -4.5208, 3.3589

Tritanomaly

238.6290, 2.6479, -9.3216

Monochromacy



Original Color

236.4300, -5.6350, -12.6551

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.3970, -2.1677, -4.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.4300, -5.6350, -12.6551 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(222, 246, 225)` looks like.

```
.text, #text, p{  
    color:rgb(222, 246, 225)  
}
```

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(222, 246, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 246, 225) }
```

Border

The CSS property to change the border of an element to YUV 236.4300, -5.6350, -12.6551 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(222, 246, 225) }
```


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

```
.border{ border-color:rgb(222, 246, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 246, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 246, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 246, 225);  
box-shadow:4px 4px 4px 4px rgb(222, 246,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 236.4300, -5.6350, -12.6551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 246, 225) }
```

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

```
.background{ background-color: rgb(222,  
246, 225) }
```

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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