

Converting Colors

YUV(236.6260, -26.4376,
-13.7040)

Have a look what the booklet for
YUV(236.6260, -26.4376, -13.7040)
contains.

YUV(236.6260, -26.4376, -13.7040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(236.6260, -26.4376,
-13.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFB7
RGB	221, 255, 183
RGB Percent	87%, 100%, 72%
CMY	0.1333, 0.0000, 0.2824
CMYK	0.13, 0.00, 0.28, 0.00
HSL	88°, 100%, 86%
HSV	88°, 28%, 100%
XYZ	74.1260, 90.3110, 58.3247
YIQ	236.6260, 2.8480, -29.6000

Conversions

Conversions Part 2

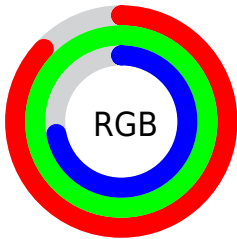
Format	Color
RYB	183, 255, 217
Decimal	14548919
CIELab	96.13, -23.06, 30.89
CIELCh	96, 38.552, 126.745
Yxy	90.3110, 0.3328, 0.4054
Android (android.graphics.Color)	4292738999 (0xFFDDFFB7)
YUV	236.6260, -26.4376, -13.7040
Hunter-Lab	95.0321, -27.0744, 30.1341

Details

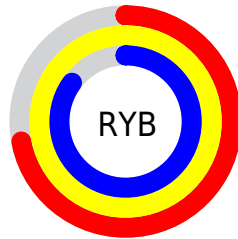
The YUV color $236.6260, -26.4376, -13.7040$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $201.3740, 26.4376, 13.7040$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.1760, -6.9888, 1.5996$, and $180.2670, -25.2746, -13.3892$ is the 20% darker color. If you saturate the color by 10%, you get $230.1880, -35.5887, -18.5819$, and if you desaturate by 10%, it is $243.1780, -16.8498, -8.9261$.

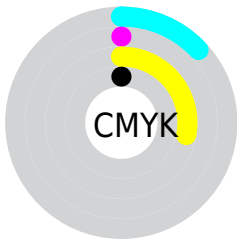
Distribution



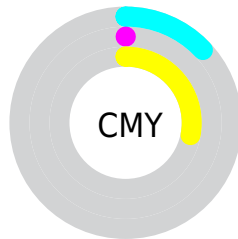
- Red (87%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.6260, -26.4376, -13.7040 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 236.6260, -26.4376, -13.7040 by changing the saturation by 10% instead.

■ 236.6260,
-26.4376, -13.7040

■ 236.6260,
-26.4376, -13.7040

255.0000, 0.0000,
0.0000

■ 208.1530,
-25.7114, -13.2892

■ 253.1760, -6.9888,
1.5996

■ 180.2670,
-25.2746, -13.3892

■ 153.4950,
-24.4010, -13.5891

■ 127.0220,
-23.6748, -13.1743

■ 101.5490,
-22.9487, -12.7595

■ 77.3640, -22.3645,
-13.4742

■ 53.3640, -22.3645,

-13.4742

■ 32.3730, -15.9599,
-14.3591

■ 16.4360, -8.1029,
-14.4144

■ 236.6260,
-26.4376, -13.7040

■ 236.6260,
-26.4376, -13.7040

■ 230.1880,
-35.5887, -18.5819

■ 243.1780,
-16.8498, -8.9261

■ 223.6360,
-45.1765, -23.3598

■ 249.6160, -7.6987,
-4.0482

■ 217.0840,
-54.7644, -28.1377

255.0000, 0.0000,
0.0000

■ 210.6460,
-63.9155, -33.0155

■ 204.2080,
-73.0665, -37.8934

■ 197.6560,
-82.6544, -42.6713

■ 191.2180,
-91.8055, -47.5492

■ 190.0500,
-93.6947, -48.2789

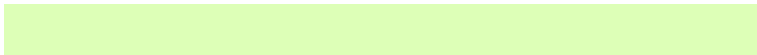
Harmonies

Analogous

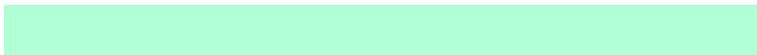
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.7390, -34.3813, 14.2609



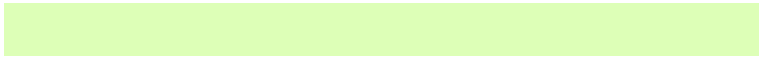
236.6260, -26.4376, -13.7040



226.8900, -6.8478, -43.7535

Triad

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



236.6260, -26.4376, -13.7040



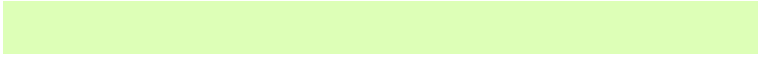
225.1000, 14.7407, -61.4777



230.0550, 3.4239, 21.8768

Complementary

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



236.6260, -26.4376, -13.7040



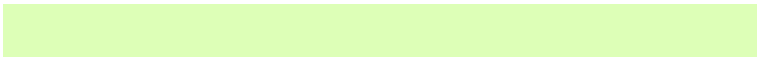
201.3740, 26.4376, 13.7040

Split Complementary

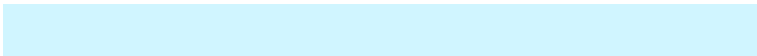
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.4550, 10.1287, 18.0180



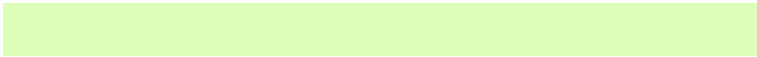
236.6260, -26.4376, -13.7040



235.0770, 9.8220, -23.7465

Square

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



236.6260, -26.4376, -13.7040



216.1300, 19.1629, -79.9210



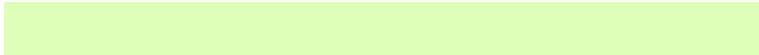
240.9120, 6.9454, 12.3552



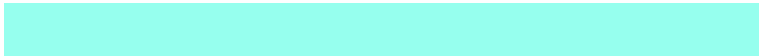
228.8860, -13.7478, 22.9020

Rectangle

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



236.6260, -26.4376, -13.7040



221.6670, 8.0522, -62.8520



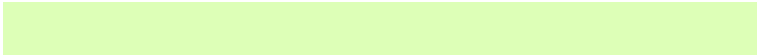
240.9120, 6.9454, 12.3552



231.4230, 8.6655, 20.6770

Sweetspot

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



236.6260, -26.4376, -13.7040



249.7300, -7.2619, -4.1482



224.4860, -20.4526, 26.7608



124.4250, -4.6465, -3.0037



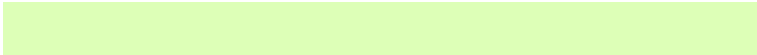
0.0000, 0.0000, 0.0000



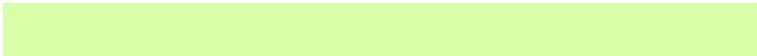
128.0000, 0.0000, 0.0000

Same Dimension

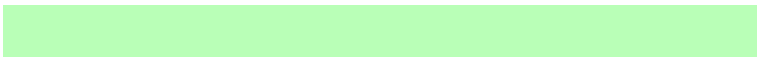
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.6260, -26.4376, -13.7040



232.8230, -31.9577, -16.5078



225.8620, -21.1310, -35.8360



124.4250, -4.6465, -3.0037



142.3160, -70.1618, -36.2341



47.7340, -23.5329, -12.0447

Inverse Universe

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



201.3740, 26.4376, 13.7040



190.1770, 31.9577, 16.5078



212.1380, 21.1310, 35.8360



118.2760, 4.7939, 2.3889



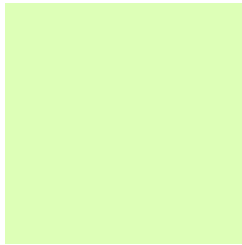
48.6840, 70.1618, 36.2341



16.2660, 23.5329, 12.0447

Previews

White Background



This preview shows how the YUV color 236.6260, -26.4376, -13.7040 looks on a white background.

Color Contrast Check

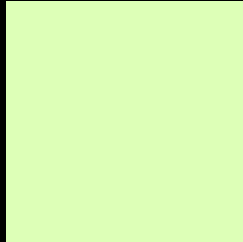
Large Text (above 18pt) WCAG AA × Fail

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 236.6260, -26.4376, -13.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

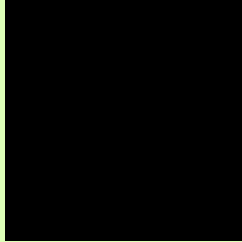
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

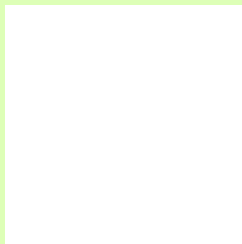
Any Text WCAG AAA ✓ Pass

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

YUV 236.6260, -26.4376, -13.7040 Background



This preview shows how black text looks on a background with the YUV color 236.6260, -26.4376, -13.7040.



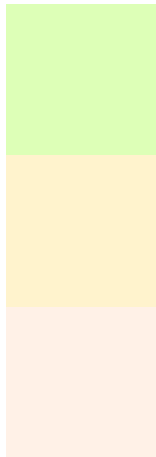
This preview shows how white text looks on a background with the YUV color 236.6260, -26.4376, -13.7040.

-13.7040.

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

236.6260, -26.4376, -13.7040

Protanopia

242.2560, -18.3672, 11.1765

Deuteranopia

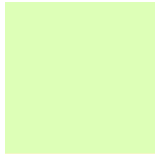
244.0460, -6.4317, 9.6067



Tritanopia

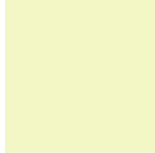
243.4600, 5.6892, -4.7884

Trichromacy



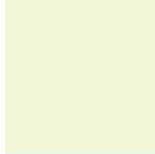
Original Color

236.6260, -26.4376, -13.7040



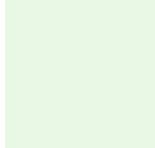
Protanomaly

240.1040, -21.2503, 2.5398



Deuteranomaly

241.4550, -13.5353, 1.3550



Tritanomaly

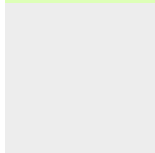
241.0500, -5.9406, -7.9368

Monochromacy



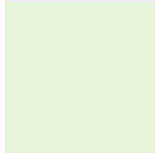
Original Color

236.6260, -26.4376, -13.7040



Achromatopsia

237.0000, 0.0000, 0.0000



Achromatomaly

237.0350, -9.8773, -5.2927

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.6260, -26.4376, -13.7040 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(221, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 183)  
}
```

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(221, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 183) }
```

Border

The CSS property to change the border of an element to YUV 236.6260, -26.4376, -13.7040 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(221, 255, 183) }
```


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

```
.border{ border-color:rgb(221, 255, 183) }
```

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

Here you see how a box with a 4 pixel rgb(221, 255, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 236.6260, -26.4376, -13.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 183) }
```

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

```
.background{ background-color: rgb(221,  
255, 183) }
```

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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