

Converting Colors

YUV(236.3420, -2.1406,
-13.4549)

Have a look what the booklet for
YUV(236.3420, -2.1406, -13.4549)
contains.

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Color

**YUV(236.3420, -2.1406,
-13.4549)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF5E8
RGB	221, 245, 232
RGB Percent	87%, 96%, 91%
CMY	0.1333, 0.0392, 0.0902
CMYK	0.10, 0.00, 0.05, 0.04
HSL	147°, 55%, 91%
HSV	147°, 10%, 96%
XYZ	77.0367, 86.5032, 88.9804
YIQ	236.3420, -10.1310, -9.1310

Conversions

Conversions Part 2

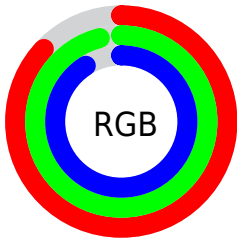
Format	Color
R _Y B	221, 237, 245
Decimal	14546408
CIE Lab	94.53, -10.23, 3.58
CIE LCh	95, 10.835, 160.715
Yxy	86.5032, 0.3051, 0.3426
Android (android.graphics.Color)	4292736488 (0xFFDDDF5E8)
YUV	236.3420, -2.1406, -13.4549
Hunter-Lab	93.0071, -14.9129, 8.3818

Details

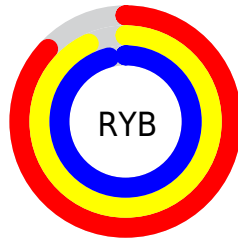
The YUV color $236.3420, -2.1406, -13.4549$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $229.6580, 2.1406, 13.4549$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.6410, -2.2880, -12.8402$ is the 20% darker color. If you saturate the color by 10%, you get $227.3850, -4.1338, -27.5246$, and if you desaturate by 10%, it is $245.2990, -0.1474, 0.6148$.

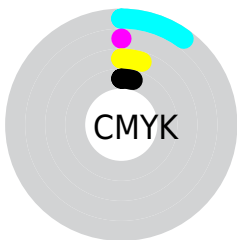
Distribution



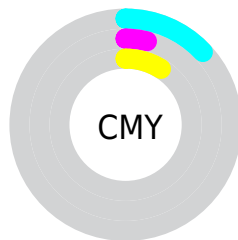
- Red (87%)
- Green (96%)
- Blue (91%)



- Red (87%)
- Yellow (93%)
- Blue (96%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.3420, -2.1406, -13.4549 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 236.3420, -2.1406, -13.4549 by changing the saturation by 10% instead.

■ 236.3420, -2.1406,
-13.4549

■ 236.3420, -2.1406,
-13.4549

255.0000, 0.0000,
0.0000

■ 208.3420, -2.1406,
-13.4549

■ 180.6410, -2.2880,
-12.8402

■ 153.7550, -1.8512,
-12.9401

■ 127.4670, -1.7092,
-11.8106

■ 102.4670, -1.7092,
-11.8106

■ 78.7660, -1.8566,
-11.1958

■ 55.2930, -1.1304,

-10.7810

■ 33.5920, -1.2779,
-10.1662

■ 13.1250, -3.0196,
-11.5106

■ 236.3420, -2.1406,
-13.4549

■ 236.3420, -2.1406,
-13.4549

■ 227.3850, -4.1338,
-27.5246

■ 245.2990, -0.1474,
0.6148

■ 218.6130, -6.7112,
-40.8796

■ 249.1300, 2.8939,
5.1480

■ 209.6560, -8.7044,
-54.9493

■ 200.9980,
-10.8450, -68.4042

■ 192.0410,
-12.8382, -82.4740

■ 183.2690,
-15.4156, -95.8289

■ 174.3120,
-17.4088, -109.8986

■ 165.6540,
-19.5494, -123.3536

■ 156.6970,
-21.5426, -137.4233

Harmonies

Analogous

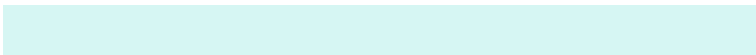
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.4310, -7.1145, -4.7630



236.3420, -2.1406, -13.4549



236.0900, 3.4066, -19.3729

Triad

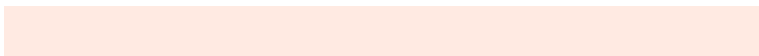
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.3420, -2.1406, -13.4549



239.0300, 7.8732, -5.2883



239.3670, -6.5899, 13.7101

Complementary

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



236.3420, -2.1406, -13.4549



229.6580, 2.1406, 13.4549

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.



239.3330, -1.6432, 13.7400



236.3420, -2.1406, -13.4549



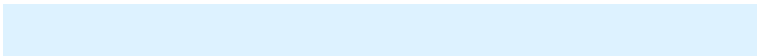
240.5690, 7.1145, 4.7630

Square

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



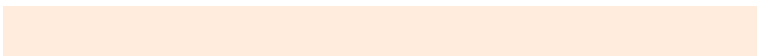
236.3420, -2.1406, -13.4549



237.2030, 8.7739, -14.2100



241.0600, 2.4354, 12.2254



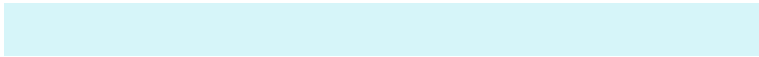
239.8570, -9.7895, 13.2804

Rectangle

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



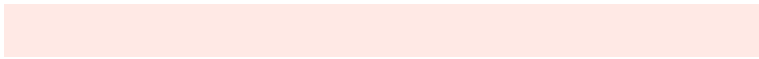
236.3420, -2.1406, -13.4549



236.1870, 6.3168, -19.4580



241.0600, 2.4354, 12.2254



239.1220, -4.9901, 13.9250

Sweetspot

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



236.3420, -2.1406, -13.4549



252.1520, -0.5679, -4.5183



238.9750, -8.8617, -4.3631



125.8640, -0.4260, -3.3887



0.0000, 0.0000, 0.0000



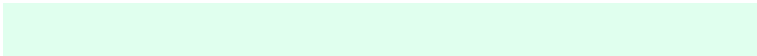
128.0000, 0.0000, 0.0000

Same Dimension

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



236.3420, -2.1406, -13.4549



243.7930, -2.8559, -17.3585



237.7100, 3.1010, -14.6547



117.7280, -0.8519, -6.7775



118.8720, -16.6989, -104.2507



37.7110, -5.2805, -33.0725

Inverse Universe

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



229.6580, 2.1406, 13.4549



235.2070, 2.8559, 17.3585



228.2900, -3.1010, 14.6547



114.3860, 1.2887, 6.6775



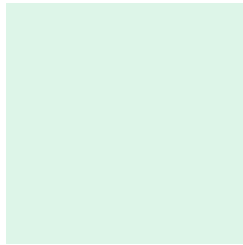
67.1280, 16.6989, 104.2507



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 236.3420, -2.1406, -13.4549 looks on a white background.

Color Contrast Check

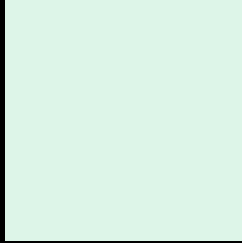
Large Text (above 18pt) WCAG AA × Fail

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 236.3420, -2.1406, -13.4549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

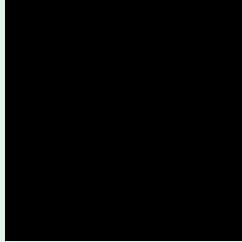
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

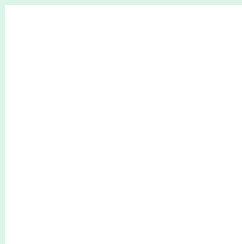
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.3420, -2.1406, -13.4549

Background



This preview shows how black text looks on a background with the YUV color 236.3420, -2.1406, -13.4549.



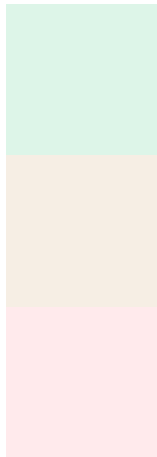
This preview shows how white text looks on a background with the YUV color 236.3420, -2.1406, -13.4549.

-13.4549.

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

236.3420, -2.1406, -13.4549

Protanopia

239.2520, -5.5472, 5.9180

Deuteranopia

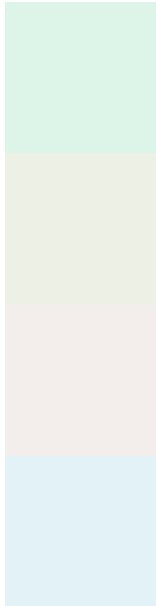
240.5070, -2.2220, 12.7104



Tritanopia

238.4210, 8.1734, -8.2622

Trichromacy



Original Color

236.3420, -2.1406, -13.4549

Protanomaly

238.4360, -4.6519, -1.2594

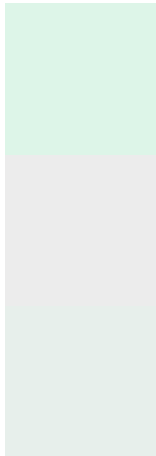
Deuteranomaly

239.1530, -2.0474, 3.3738

Tritanomaly

237.7860, 4.5425, -10.3363

Monochromacy



Original Color

236.3420, -2.1406, -13.4549

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.1520, -0.5679, -4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.3420, -2.1406, -13.4549 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, 245, 232)` looks like.

```
.text, #text, p{  
    color:rgb(221, 245, 232)  
}
```

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, 245, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 245, 232) }
```

Border

The CSS property to change the border of an element to YUV 236.3420, -2.1406, -13.4549 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, 245, 232) }
```


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

```
.border{ border-color:rgb(221, 245, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 245, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 245, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 245, 232);  
box-shadow:4px 4px 4px 4px rgb(221, 245,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 236.3420, -2.1406, -13.4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 245, 232) }
```

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

```
.background{ background-color: rgb(221,  
245, 232) }
```

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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