

Converting Colors

YUV(236.6050, 9.0687,
-15.4396)

Have a look what the booklet for
YUV(236.6050, 9.0687, -15.4396)
contains.

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Color

**YUV(236.6050, 9.0687,
-15.4396)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF2FF
RGB	219, 242, 255
RGB Percent	86%, 95%, 100%
CMY	0.1412, 0.0510, 0.0000
CMYK	0.14, 0.05, 0.00, 0.00
HSL	202°, 100%, 93%
HSV	202°, 14%, 100%
XYZ	79.0155, 85.7843, 107.0012
YIQ	236.6050, -17.8810, -0.8330

Conversions

Conversions Part 2

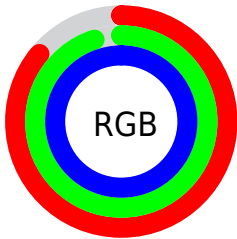
Format	Color
R _Y B	219, 233, 255
Decimal	14414591
CIE Lab	94.22, -4.95, -8.81
CIE LCh	94, 10.100, 240.682
Yxy	85.7843, 0.2907, 0.3156
Android (android.graphics.Color)	4292604671 (0xFFDBF2FF)
YUV	236.6050, 9.0687, -15.4396
Hunter-Lab	92.6198, -9.8033, -3.6623

Details

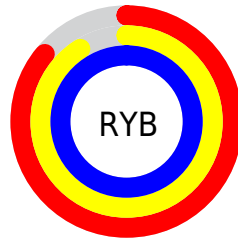
The YUV color $236.6050, 9.0687, -15.4396$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.3950, -9.0687, 15.4396$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.7900, 8.4845, -14.7248$ is the 20% darker color. If you saturate the color by 10%, you get $223.8470, 15.3584, -26.1758$, and if you desaturate by 10%, it is $249.3630, 2.7790, -4.7034$.

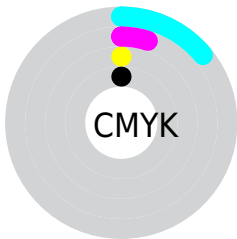
Distribution



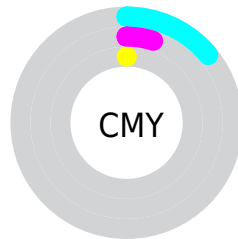
- Red (86%)
- Green (95%)
- Blue (100%)



- Red (86%)
- Yellow (91%)
- Blue (100%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.6050, 9.0687, -15.4396 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 236.6050, 9.0687, -15.4396 by changing the saturation by 10% instead.

■ 236.6050, 9.0687,
-15.4396

■ 236.6050, 9.0687,
-15.4396

255.0000, 0.0000,
0.0000

■ 208.4910, 8.6319,
-15.3396

■ 180.7900, 8.4845,
-14.7248

■ 153.7900, 8.4845,
-14.7248

■ 128.0890, 8.3371,
-14.1101

■ 102.9750, 7.9003,
-14.0101

■ 78.2740, 7.7529,
-13.3953

■ 55.2740, 7.7529,

-13.3953

■ 33.7470, 7.0267,
-13.8101

■ 13.6440, 6.5845,
-11.9658

■ 236.6050, 9.0687,
-15.4396

■ 236.6050, 9.0687,
-15.4396

■ 223.8470, 15.3584,
-26.1758

■ 249.3630, 2.7790,
-4.7034

■ 210.7900, 21.7955,
-37.5268

255.0000, 0.0000,
0.0000

■ 197.4450, 28.3746,
-47.7483

■ 184.3880, 34.8117,
-59.0993

■ 171.3310, 41.2488,
-70.4503

■ 158.5730, 47.5385,
-81.1865

■ 145.5160, 53.9756,
-92.5375

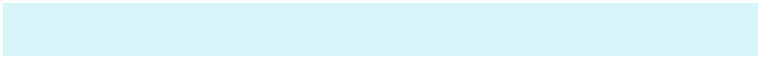
■ 132.1710, 60.5547,
-102.7590

■ 124.7510, 64.2128,
-109.4066

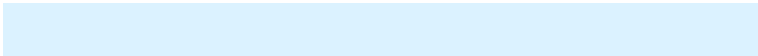
Harmonies

Analogous

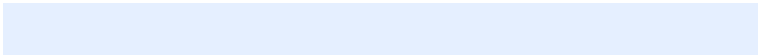
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.7850, 6.0220, -18.2284



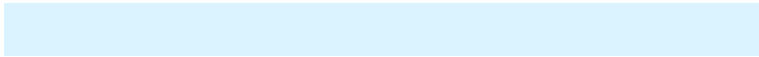
236.6050, 9.0687, -15.4396



237.8340, 8.4628, -7.7474

Triad

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



236.6050, 9.0687, -15.4396



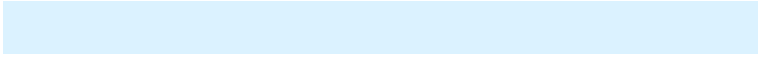
239.5610, -0.7696, 13.5400



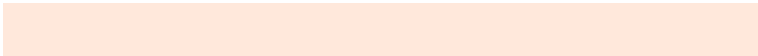
237.0400, -7.4147, -1.7891

Complementary

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



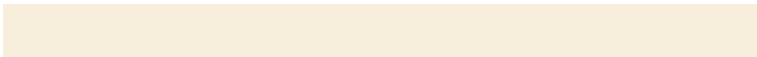
236.6050, 9.0687, -15.4396



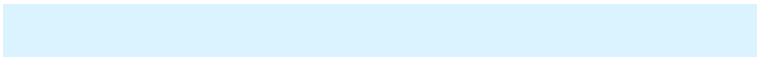
237.3950, -9.0687, 15.4396

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.



238.5250, -9.6258, 7.4326



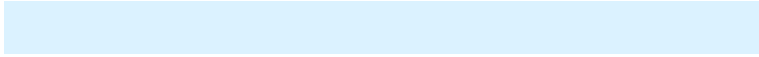
236.6050, 9.0687, -15.4396



238.5350, -4.7008, 14.4398

Square

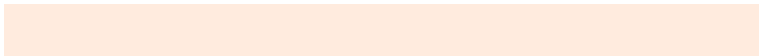
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



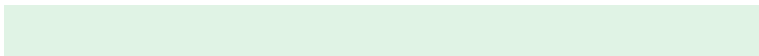
236.6050, 9.0687, -15.4396



240.3910, 3.7512, 10.1811



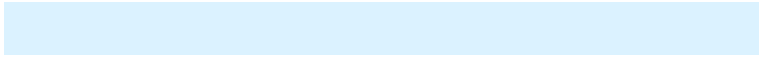
239.4980, -8.6265, 13.5953



235.7230, -3.3144, -10.2811

Rectangle

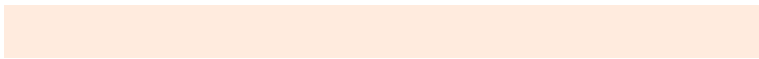
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.6050, 9.0687, -15.4396



239.0520, 7.8624, -1.7996



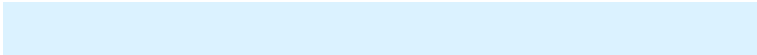
239.4980, -8.6265, 13.5953



237.4210, -8.5886, 1.3848

Sweetspot

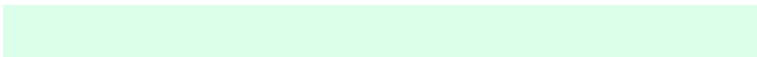
The Sweet Spot groups the original color and five complimentary colors.



236.6050, 9.0687, -15.4396



249.6620, 2.6316, -4.0886



241.6140, -4.7397, -19.8325



124.1460, 1.9000, -2.7590



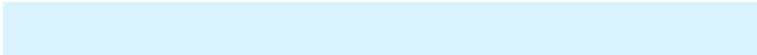
0.0000, 0.0000, 0.0000



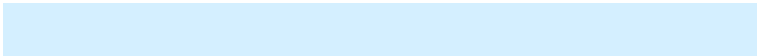
128.0000, 0.0000, 0.0000

Same Dimension

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



236.6050, 9.0687, -15.4396



232.7510, 10.9688, -18.1986



226.0390, 14.2778, -6.1732



121.1780, 3.3632, -5.4181



93.3880, 48.1227, -81.9013



31.3630, 16.0900, -27.5054

Inverse Universe

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



232.3860, 4.7397, 19.8325



227.9350, 5.4550, 23.7360



247.9610, -14.2778, 6.1732



119.7990, 1.5781, 7.1923



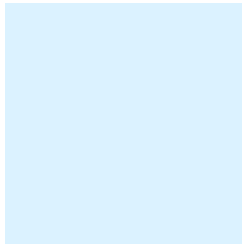
71.0170, 25.1346, 105.2251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 236.6050, 9.0687, -15.4396 looks on a white background.

Color Contrast Check

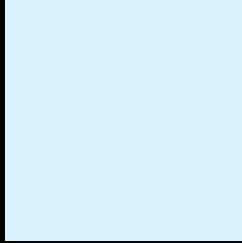
Large Text (above 18pt) WCAG AA × Fail

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 236.6050, 9.0687, -15.4396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

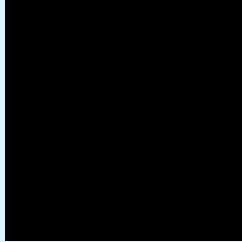
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

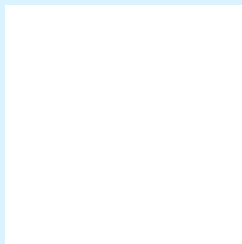
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.6050, 9.0687, -15.4396

Background



This preview shows how black text looks on a background with the YUV color 236.6050, 9.0687, -15.4396.



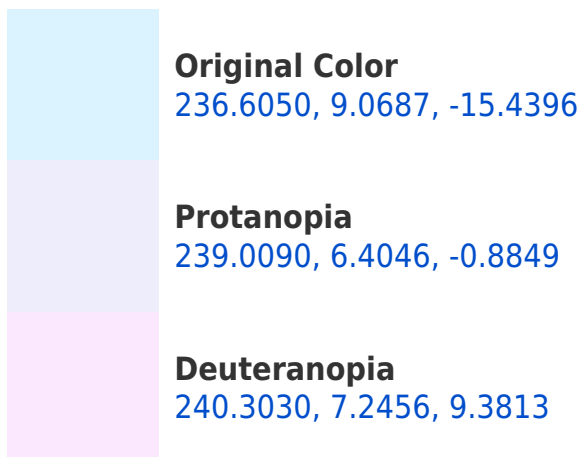
This preview shows how white text looks on a background with the YUV color 236.6050, 9.0687, -15.4396.

-15.4396.

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





Tritanopia

237.2250, 8.7631, -10.7213

Trichromacy



Original Color

236.6050, 9.0687, -15.4396

Protanomaly

238.2040, 7.2944, -6.3179

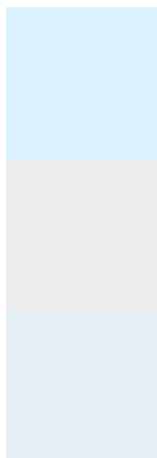
Deuteranomaly

239.0630, 7.8569, -0.0553

Tritanomaly

237.2140, 8.7685, -12.4657

Monochromacy



Original Color

236.6050, 9.0687, -15.4396

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.8790, 3.5107, -6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.6050, 9.0687, -15.4396 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(219, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 242, 255)  
}
```

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(219, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 242, 255) }
```

Border

The CSS property to change the border of an element to YUV 236.6050, 9.0687, -15.4396 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(219, 242, 255) }
```


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

```
.border{ border-color:rgb(219, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 242,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 236.6050, 9.0687, -15.4396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 242, 255) }
```

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

```
.background{ background-color: rgb(219,  
242, 255) }
```

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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