

Converting Colors

YUV(235.9850, 9.3744,
-20.1578)

Have a look what the booklet for
YUV(235.9850, 9.3744, -20.1578)
contains.

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Color

**YUV(235.9850, 9.3744,
-20.1578)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F4FF
RGB	213, 244, 255
RGB Percent	84%, 96%, 100%
CMY	0.1647, 0.0431, 0.0000
CMYK	0.16, 0.04, 0.00, 0.00
HSL	196°, 100%, 92%
HSV	196°, 16%, 100%
XYZ	77.8413, 86.0675, 107.1178
YIQ	235.9850, -22.0070, -3.1510

Conversions

Conversions Part 2

Format	Color
R_{YB}	213, 231, 255
Decimal	14021887
CIE Lab	94.34, -7.81, -8.67
CIE LCh	94, 11.668, 227.993
Yxy	86.0675, 0.2872, 0.3176
Android (android.graphics.Color)	4292211967 (0xFFD5F4FF)
YUV	235.9850, 9.3744, -20.1578
Hunter-Lab	92.7726, -12.5808, -3.5171

Details

The YUV color $235.9850, 9.3744, -20.1578$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $232.0150, -9.3744, 20.1578$, 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 $180.1700, 8.7902, -19.4431$ is the 20% darker color. If you saturate the color by 10%, you get $224.4010, 15.0853, -31.9237$, and if you desaturate by 10%, it is $247.8680, 3.5161, -7.7772$.

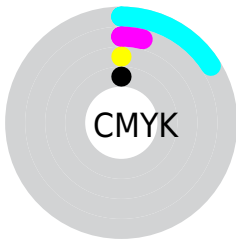
Distribution



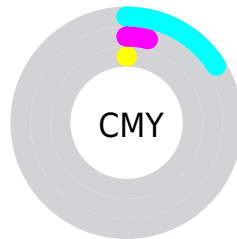
- Red (84%)
- Green (96%)
- Blue (100%)



- Red (84%)
- Yellow (91%)
- Blue (100%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.9850, 9.3744, -20.1578 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 235.9850, 9.3744, -20.1578 by changing the saturation by 10% instead.

■ 235.9850, 9.3744,
-20.1578

■ 235.9850, 9.3744,
-20.1578

255.0000, 0.0000,
0.0000

■ 207.8710, 8.9376,
-20.0579

■ 180.1700, 8.7902,
-19.4431

■ 153.1700, 8.7902,
-19.4431

■ 127.4690, 8.6428,
-18.8283

■ 101.7680, 8.4954,
-18.2135

■ 77.6540, 8.0586,
-18.1136

■ 54.6540, 8.0586,

-18.1136

■ 31.9420, 7.9166,
-19.2431

■ 14.8180, 6.0057,
-12.9954

■ 235.9850, 9.3744,
-20.1578

■ 235.9850, 9.3744,
-20.1578

■ 224.4010, 15.0853,
-31.9237

■ 247.8680, 3.5161,
-7.7772

■ 213.1050, 20.6542,
-44.8191

255.0000, 0.0000,
0.0000

■ 201.5210, 26.3651,
-56.5849

■ 189.6380, 32.2235,
-68.9655

■ 178.6410, 37.6450,
-81.2462

■ 166.7580, 43.5033,
-93.6268

■ 154.8750, 49.3616,
-106.0074

■ 143.8780, 54.7831,
-118.2880

■ 139.4260, 56.9780,
-122.2766

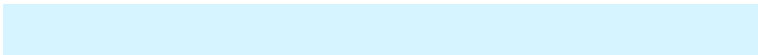
Harmonies

Analogous

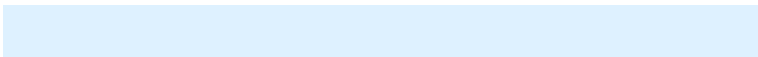
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.8340, 5.0118, -20.9024



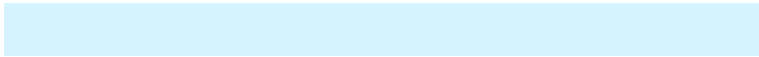
235.9850, 9.3744, -20.1578



236.9150, 8.9159, -13.0805

Triad

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



235.9850, 9.3744, -20.1578



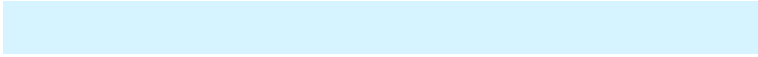
240.2450, 1.8512, 12.9401



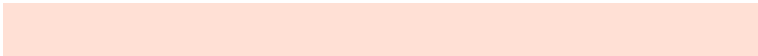
237.6770, -10.1938, 2.9143

Complementary

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



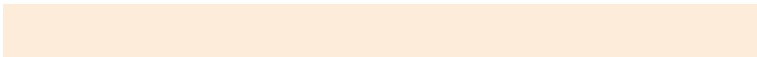
235.9850, 9.3744, -20.1578



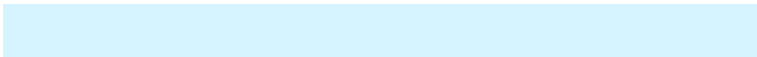
232.0150, -9.3744, 20.1578

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.



238.9170, -10.8051, 12.3508



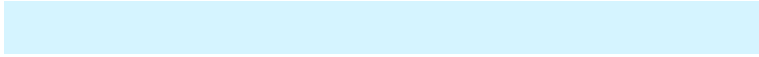
235.9850, 9.3744, -20.1578



238.2900, -3.1010, 14.6547

Square

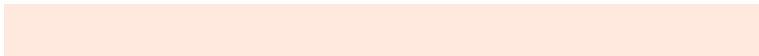
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



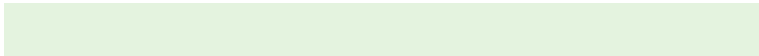
235.9850, 9.3744, -20.1578



240.7650, 6.5249, 7.2221



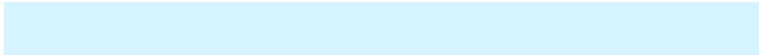
238.3240, -8.0477, 14.6249



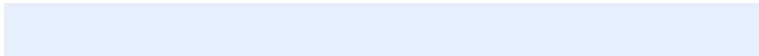
236.2350, -6.5249, -7.2221

Rectangle

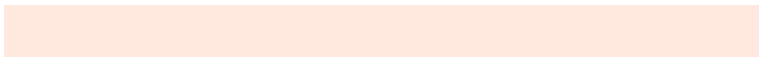
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.9850, 9.3744, -20.1578



238.4320, 8.1680, -6.5179



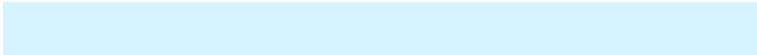
238.3240, -8.0477, 14.6249



238.2860, -10.4940, 5.8882

Sweetspot

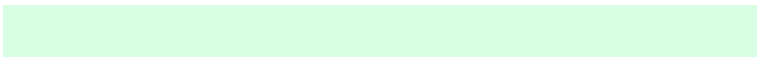
The Sweet Spot groups the original color and five complimentary colors.



235.9850, 9.3744, -20.1578



249.3520, 2.7845, -6.4477



238.9080, -7.3496, -22.7213



123.8470, 2.0474, -3.3738



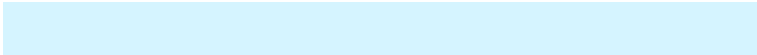
0.0000, 0.0000, 0.0000



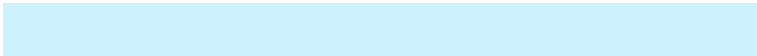
128.0000, 0.0000, 0.0000

Same Dimension

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



235.9850, 9.3744, -20.1578



232.1200, 11.2798, -24.6612



224.2450, 15.1622, -9.8619



121.7650, 3.0739, -5.9329



104.5410, 42.6243, -91.6825



34.8850, 14.3537, -30.5941

Inverse Universe

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



229.0920, 7.3496, 22.7213



223.5810, 9.0806, 27.5545



244.3420, -15.4516, 9.3471



119.9130, 2.0149, 7.0923



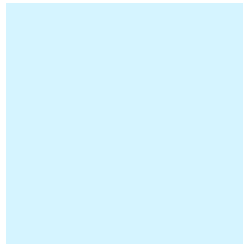
73.1830, 33.4338, 103.3255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 235.9850, 9.3744, -20.1578 looks on a white background.

Color Contrast Check

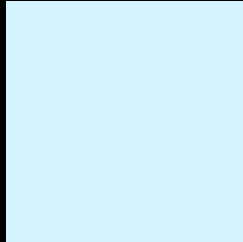
Large Text (above 18pt) WCAG AA × Fail

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 235.9850, 9.3744, -20.1578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

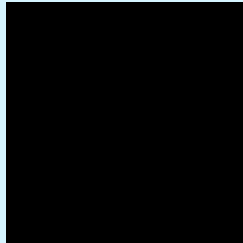
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 235.9850, 9.3744, -20.1578

Background



This preview shows how black text looks on a background with the YUV color 235.9850, 9.3744, -20.1578.



This preview shows how white text looks on a background with the YUV color 235.9850, 9.3744, -20.1578.

-20.1578.

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

235.9850, 9.3744, -20.1578

Protanopia

239.1940, 5.8204, -0.1701

Deuteranopia

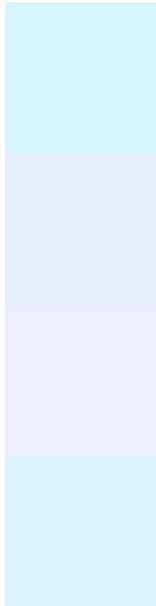
240.8900, 6.9562, 8.8665



Tritanopia

236.9150, 8.9159, -13.0805

Trichromacy



Original Color

235.9850, 9.3744, -20.1578

Protanomaly

238.3780, 6.7156, -7.3475

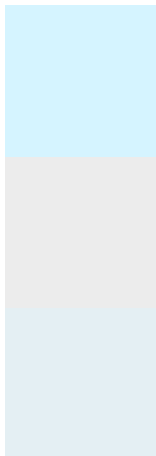
Deuteranomaly

239.0520, 7.8624, -1.7996

Tritanomaly

236.6050, 9.0687, -15.4396

Monochromacy



Original Color

235.9850, 9.3744, -20.1578

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.1670, 3.3687, -7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.9850, 9.3744, -20.1578 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(213, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 244, 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(213, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 244, 255) }
```

Border

The CSS property to change the border of an element to YUV 235.9850, 9.3744, -20.1578 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(213, 244, 255) }
```


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

```
.border{ border-color:rgb(213, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 244,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 235.9850, 9.3744, -20.1578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 244, 255) }
```

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

```
.background{ background-color: rgb(213,  
244, 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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