

Converting Colors

YUV(238.0560, 8.3534,
-19.3431)

Have a look what the booklet for
YUV(238.0560, 8.3534, -19.3431)
contains.

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Color

**YUV(238.0560, 8.3534,
-19.3431)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F6FF
RGB	216, 246, 255
RGB Percent	85%, 96%, 100%
CMY	0.1529, 0.0353, 0.0000
CMYK	0.15, 0.04, 0.00, 0.00
HSL	194°, 100%, 92%
HSV	194°, 15%, 100%
XYZ	79.3247, 87.7305, 107.3606
YIQ	238.0560, -20.7690, -3.5610

Conversions

Conversions Part 2

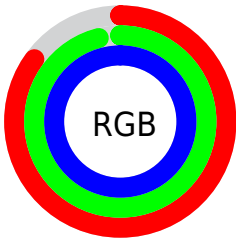
Format	Color
R _Y B	216, 233, 255
Decimal	14219007
CIE Lab	95.05, -7.90, -7.60
CIE LCh	95, 10.963, 223.904
Yxy	87.7305, 0.2891, 0.3197
Android (android.graphics.Color)	4292409087 (0xFFD8F6FF)
YUV	238.0560, 8.3534, -19.3431
Hunter-Lab	93.6645, -12.7410, -2.3944

Details

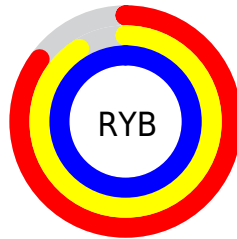
The YUV color $238.0560, 8.3534, -19.3431$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $232.9440, -8.3534, 19.3431$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.2410, 7.7692, -18.6284$ is the 20% darker color. If you saturate the color by 10%, you get $227.0590, 13.7749, -31.6237$, and if you desaturate by 10%, it is $249.3520, 2.7845, -6.4477$.

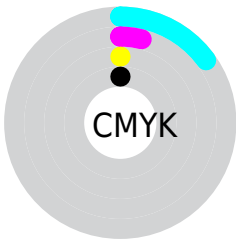
Distribution



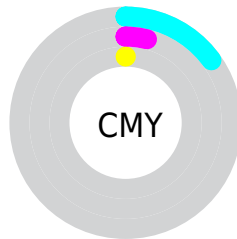
- Red (85%)
- Green (96%)
- Blue (100%)



- Red (85%)
- Yellow (91%)
- Blue (100%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.0560, 8.3534, -19.3431 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 238.0560, 8.3534, -19.3431 by changing the saturation by 10% instead.

238.0560, 8.3534,
-19.3431

238.0560, 8.3534,
-19.3431

255.0000, 0.0000,
0.0000

209.9420, 7.9166,
-19.2431

182.2410, 7.7692,
-18.6284

155.2410, 7.7692,
-18.6284

128.9530, 7.9112,
-17.4988

103.8390, 7.4744,
-17.3988

79.7250, 7.0376,
-17.2988

56.1380, 7.3270,

-16.7840

■ 33.7250, 7.0376,
-17.2988

■ 15.4050, 5.7163,
-13.5102

■ 238.0560, 8.3534,
-19.3431

■ 238.0560, 8.3534,
-19.3431

■ 227.0590, 13.7749,
-31.6237

■ 249.3520, 2.7845,
-6.4477

■ 215.7630, 19.3438,
-44.5192

255.0000, 0.0000,
0.0000

■ 204.7660, 24.7654,
-56.7998

■ 193.4700, 30.3343,
-69.6952

■ 183.0600, 35.4664,
-82.4906

■ 171.7640, 41.0353,
-95.3860

■ 160.4680, 46.6043,
-108.2814

■ 149.4710, 52.0258,
-120.5621

■ 144.1220, 54.6629,
-126.3950

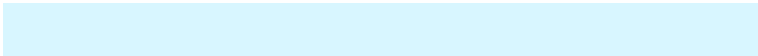
Harmonies

Analogous

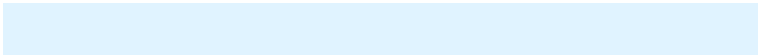
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.2040, 3.8434, -19.4729



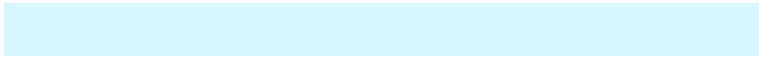
238.0560, 8.3534, -19.3431



238.6870, 8.0423, -12.8805

Triad

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



238.0560, 8.3534, -19.3431



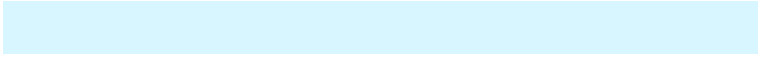
241.7610, 2.5828, 11.6106



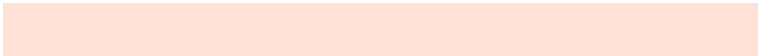
240.0900, -9.9044, 3.4291

Complementary

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



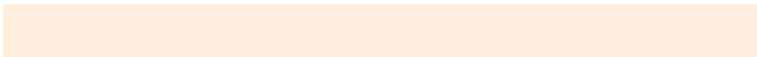
238.0560, 8.3534, -19.3431



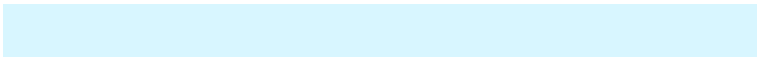
232.9440, -8.3534, 19.3431

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.



241.1450, -9.9315, 12.1508



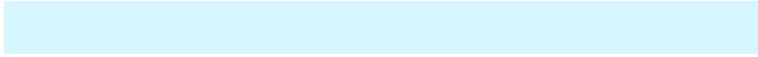
238.0560, 8.3534, -19.3431



240.5070, -2.2220, 12.7104

Square

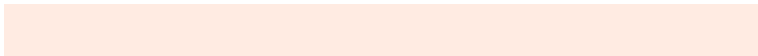
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.0560, 8.3534, -19.3431



242.6400, 6.0935, 5.5777



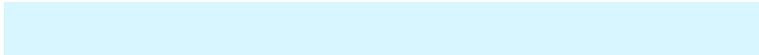
239.9540, -6.8793, 13.1953



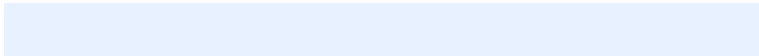
238.8330, -6.8197, -5.9925

Rectangle

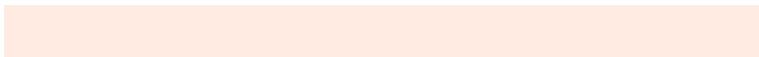
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



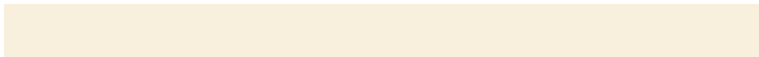
238.0560, 8.3534, -19.3431



239.9050, 7.4418, -6.9327



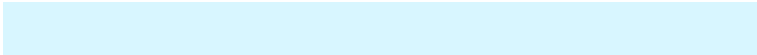
239.9540, -6.8793, 13.1953



240.1120, -9.9152, 6.9178

Sweetspot

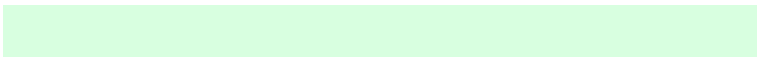
The Sweet Spot groups the original color and five complimentary colors.



238.0560, 8.3534, -19.3431



249.3520, 2.7845, -6.4477



239.8050, -7.7919, -20.8770



124.4340, 1.7580, -3.8886



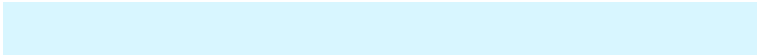
0.0000, 0.0000, 0.0000



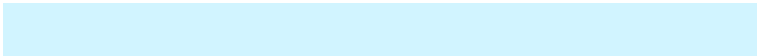
128.0000, 0.0000, 0.0000

Same Dimension

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



238.0560, 8.3534, -19.3431



234.7890, 9.9640, -22.6170



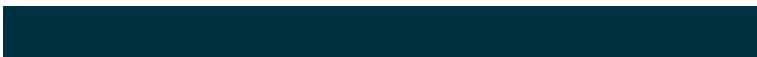
226.9030, 13.8518, -9.5619



122.3520, 2.7845, -6.4477



108.0630, 40.8879, -94.7713



36.0590, 13.7749, -31.6237

Inverse Universe

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



231.0810, 7.3551, 20.9770



226.7440, 8.5072, 24.7805



244.0970, -13.8518, 9.5619



120.0270, 2.4517, 6.9923



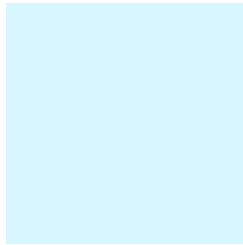
73.8670, 36.0546, 102.7256



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 238.0560, 8.3534, -19.3431 looks on a white background.

Color Contrast Check

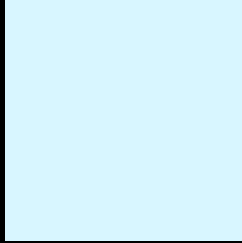
Large Text (above 18pt) WCAG AA × Fail

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 238.0560, 8.3534, -19.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

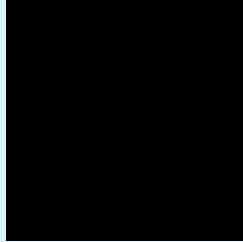
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

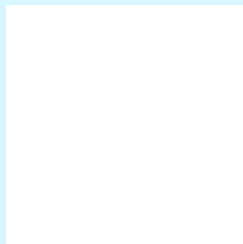
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.0560, 8.3534, -19.3431

Background



This preview shows how black text looks on a background with the YUV color 238.0560, 8.3534, -19.3431.



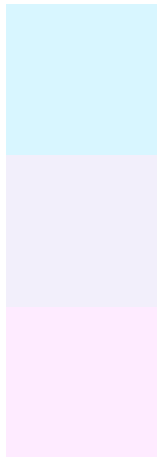
This preview shows how white text looks on a background with the YUV color 238.0560, 8.3534, -19.3431.

-19.3431.

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

238.0560, 8.3534, -19.3431

Protanopia

241.2650, 4.7994, 0.6446

Deuteranopia

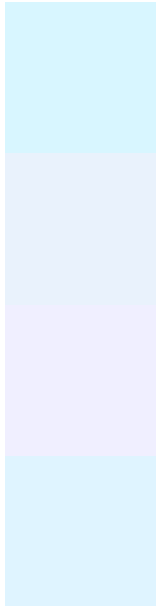
242.9610, 5.9352, 9.6812



Tritanopia

239.5840, 7.6001, -11.0362

Trichromacy



Original Color

238.0560, 8.3534, -19.3431

Protanomaly

240.4490, 5.6946, -6.5328

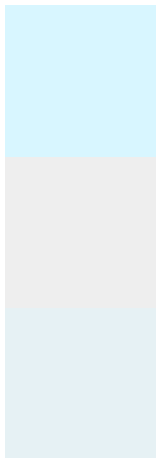
Deuteranomaly

241.1230, 6.8414, -0.9849

Tritanomaly

238.9750, 7.9003, -14.0101

Monochromacy



Original Color

238.0560, 8.3534, -19.3431

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

238.0530, 2.9319, -7.0625

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.0560, 8.3534, -19.3431 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(216, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 246, 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(216, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 246, 255) }
```

Border

The CSS property to change the border of an element to YUV 238.0560, 8.3534, -19.3431 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(216, 246, 255) }
```


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

```
.border{ border-color:rgb(216, 246, 255) }
```

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

Here you see how a box with a 4 pixel rgb(216, 246, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 246,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 238.0560, 8.3534, -19.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 246, 255) }
```

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

```
.background{ background-color: rgb(216,  
246, 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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