

Converting Colors

YUV(216.4340, 18.5200,
-13.5356)

Have a look what the booklet for
YUV(216.4340, 18.5200, -13.5356)
contains.

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Color

**YUV(216.4340, 18.5200,
-13.5356)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D9FE
RGB	201, 217, 254
RGB Percent	79%, 85%, 100%
CMY	0.2118, 0.1490, 0.0039
CMYK	0.21, 0.15, 0.00, 0.00
HSL	222°, 96%, 89%
HSV	222°, 21%, 100%
XYZ	66.7896, 69.1990, 103.6025
YIQ	216.4340, -21.4130, 8.1150

Conversions

Conversions Part 2

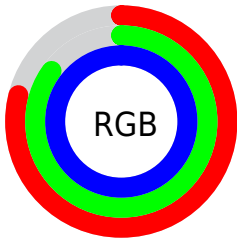
Format	Color
R _Y B	201, 213, 254
Decimal	13228542
CIE Lab	86.60, 2.27, -19.81
CIE LCh	87, 19.942, 276.537
Yxy	69.1990, 0.2788, 0.2888
Android (android.graphics.Color)	4291418622 (0xFFC9D9FE)
YUV	216.4340, 18.5200, -13.5356
Hunter-Lab	83.1859, -2.2584, -15.6116

Details

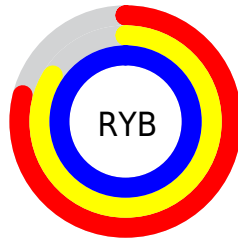
The YUV color **216.4340, 18.5200, -13.5356** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238.5660, -18.5200, 13.5356**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **161.2060, 17.6464, -13.3357** is the 20% darker color. If you saturate the color by 10%, you get **198.3930, 27.4143, -19.6387**, and if you desaturate by 10%, it is **234.4750, 9.6258, -7.4326**.

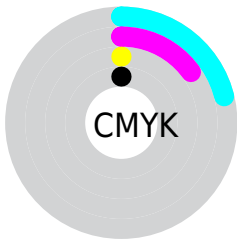
Distribution



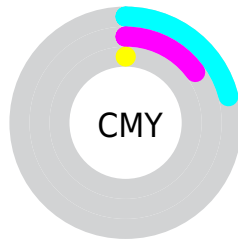
- Red (79%)
- Green (85%)
- Blue (100%)



- Red (79%)
- Yellow (84%)
- Blue (100%)



- Cyan (21%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.4340, 18.5200, -13.5356 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 216.4340, 18.5200, -13.5356 by changing the saturation by 10% instead.

■ 216.4340, 18.5200,
-13.5356

■ 216.4340, 18.5200,
-13.5356

255.0000, 0.0000,
0.0000

■ 188.3200, 18.0832,
-13.4356

■ 161.2060, 17.6464,
-13.3357

■ 135.0920, 17.2096,
-13.2357

■ 109.8640, 16.3360,
-13.0357

■ 84.8640, 16.3360,
-13.0357

■ 61.3370, 15.6099,
-13.4505

■ 39.0980, 14.7417,

-14.9949

■ 17.6850, 14.4523,
-15.5097

■ 3.5510, 11.0674,
-3.1142

■ 216.4340, 18.5200,
-13.5356

■ 216.4340, 18.5200,
-13.5356

■ 198.3930, 27.4143,
-19.6387

■ 234.4750, 9.6258,
-7.4326

■ 180.6400, 36.1665,
-26.8713

■ 252.2280, 0.8736,
-0.2000

■ 162.5990, 45.0607,
-32.9743

■ 254.8860, -0.4368,
0.1000

■ 144.2590, 54.1023,
-39.6921

■ 126.2180, 62.9965,
-45.7952

■ 108.7640, 71.6013,
-52.4130

■ 90.4240, 80.6430,
-59.1308

■ 74.1550, 88.6636,
-65.0339

Harmonies

Analogous

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



213.0360, 18.7163, -29.8496



216.4340, 18.5200, -13.5356



219.2900, 13.6610, 5.0077

Triad

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



216.4340, 18.5200, -13.5356



219.3970, -12.0277, 31.2238



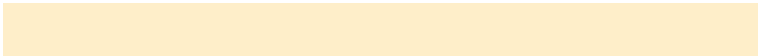
210.8910, -4.8763, -22.7064

Complementary

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



216.4340, 18.5200, -13.5356



238.5660, -18.5200, 13.5356

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.



213.6990, -13.6556, -6.7520



216.4340, 18.5200, -13.5356



217.9740, -17.2422, 23.7018

Square

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



216.4340, 18.5200, -13.5356



220.2750, -3.5866, 30.4538



215.6580, -18.0724, 9.9469



209.7460, 5.0552, -34.8572

Rectangle

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



216.4340, 18.5200, -13.5356



220.1020, 8.8237, 16.5735



215.6580, -18.0724, 9.9469



211.7130, -8.2395, -17.2883

Sweetspot

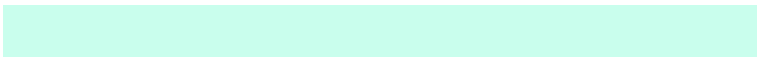
The Sweet Spot groups the original color and five complimentary colors.



216.4340, 18.5200, -13.5356



244.0580, 5.3944, -3.5589



236.2150, 0.3870, -30.8836



121.2000, 3.3524, -1.9294



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.



216.4340, 18.5200, -13.5356



209.4490, 22.4566, -16.1798



210.0320, 21.6762, 0.8489



118.8300, 4.5208, -3.3589



55.8200, 66.6437, -48.9541



18.4490, 22.4566, -16.1798

Inverse Universe

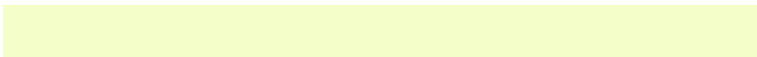
The Inverse Universe completely reimagines the original color for something new.



218.6710, -0.8238, 30.9835



212.3020, -1.1349, 37.4461



244.9680, -21.6762, -0.8489



119.3430, -0.1691, 7.5922



63.7210, -2.8205, 111.6237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 216.4340, 18.5200, -13.5356 looks on a white background.

Color Contrast Check

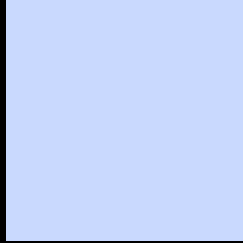
Large Text (above 18pt) WCAG AA × Fail

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 216.4340, 18.5200, -13.5356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

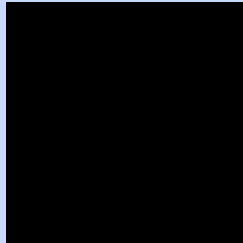
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.4340, 18.5200, -13.5356

Background



This preview shows how black text looks on a background with the YUV color 216.4340, 18.5200, -13.5356.



This preview shows how white text looks on a background with the YUV color 216.4340, 18.5200, -13.5356.

-13.5356.

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

216.4340, 18.5200, -13.5356

Protanopia

217.4240, 17.0460, -7.3878

Deuteranopia

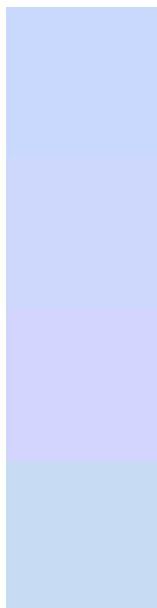
218.4080, 18.0399, 0.5192



Tritanopia

215.3600, 10.6685, -15.2247

Trichromacy



Original Color

216.4340, 18.5200, -13.5356

Protanomaly

217.2280, 17.6356, -9.8470

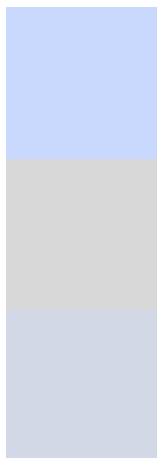
Deuteranomaly

217.4890, 18.4929, -4.8139

Tritanomaly

215.7560, 13.4313, -14.6950

Monochromacy



Original Color

216.4340, 18.5200, -13.5356

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.1010, 6.8522, -4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.4340, 18.5200, -13.5356 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(201, 217, 254)` looks like.

```
.text, #text, p{  
    color:rgb(201, 217, 254)  
}
```

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(201, 217, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 217, 254) }
```

Border

The CSS property to change the border of an element to YUV 216.4340, 18.5200, -13.5356 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(201, 217, 254) }
```


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

```
.border{ border-color:rgb(201, 217, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 217, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 217, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 217, 254);  
box-shadow:4px 4px 4px 4px rgb(201, 217,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 216.4340, 18.5200, -13.5356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 217, 254) }
```

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

```
.background{ background-color: rgb(201,  
217, 254) }
```

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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