

Converting Colors

YUV(242.9820, 0.5019,
-21.0322)

Have a look what the booklet for
YUV(242.9820, 0.5019, -21.0322)
contains.

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Color

**YUV(242.9820, 0.5019,
-21.0322)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFFF4
RGB	219, 255, 244
RGB Percent	86%, 100%, 96%
CMY	0.1412, 0.0000, 0.0431
CMYK	0.14, 0.00, 0.04, 0.00
HSL	162°, 100%, 93%
HSV	162°, 14%, 100%
XYZ	81.3026, 93.1117, 99.2752
YIQ	242.9820, -17.9250, -11.0530

Conversions

Conversions Part 2

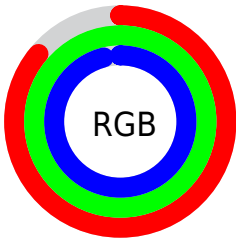
Format	Color
R _Y B	219, 240, 255
Decimal	14417908
CIE Lab	97.27, -13.61, 1.36
CIE LCh	97, 13.680, 174.282
Yxy	93.1117, 0.2971, 0.3402
Android (android.graphics.Color)	4292607988 (0xFFDBFFF4)
YUV	242.9820, 0.5019, -21.0322
Hunter-Lab	96.4944, -18.4679, 6.5475

Details

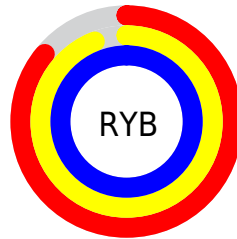
The YUV color $242.9820, 0.5019, -21.0322$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.0180, -0.5019, 21.0322$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.6940, 0.6439, -19.9026$ is the 20% darker color. If you saturate the color by 10%, you get $234.5950, 0.6927, -35.6018$, and if you desaturate by 10%, it is $251.3690, 0.3111, -6.4626$.

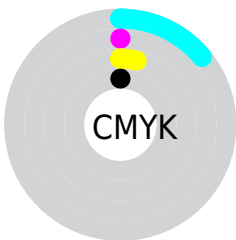
Distribution



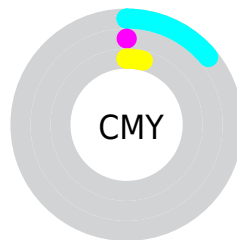
- Red (86%)
- Green (100%)
- Blue (96%)



- Red (86%)
- Yellow (94%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.9820, 0.5019, -21.0322 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 242.9820, 0.5019, -21.0322 by changing the saturation by 10% instead.

 242.9820, 0.5019,
-21.0322

 242.9820, 0.5019,
-21.0322


255.0000, 0.0000,
0.0000

 214.3950, 0.7913,
-20.5174

 186.6940, 0.6439,
-19.9026

 159.6940, 0.6439,
-19.9026

 133.1070, 0.9332,
-19.3878

 108.2920, 0.3490,
-18.6731

 83.7050, 0.6384,
-18.1583

 60.1180, 0.9278,

-17.6435

■ 37.8190, 1.0752,
-18.2583

■ 18.1290, 0.9224,
-15.8991

■ 242.9820, 0.5019,
-21.0322

■ 242.9820, 0.5019,
-21.0322

■ 234.5950, 0.6927,
-35.6018

■ 251.3690, 0.3111,
-6.4626

■ 225.9090, 1.0309,
-50.7862

255.0000, 0.0000,
0.0000

■ 217.6360, 1.6585,
-65.4558

■ 208.9500, 1.9966,
-80.6402

■ 200.2640, 2.3348,
-95.8245

■ 191.8770, 2.5256,
-110.3941

■ 183.1910, 2.8638,
-125.5785

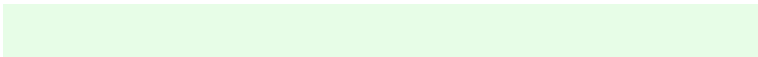
■ 174.9180, 3.4914,
-140.2481

■ 169.8630, 3.5185,
-148.9699

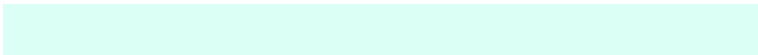
Harmonies

Analogous

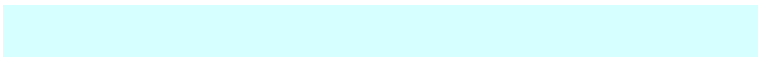
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.9140, -6.3666, -11.3256



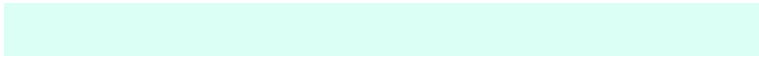
242.9820, 0.5019, -21.0322



242.7410, 6.0437, -25.2059

Triad

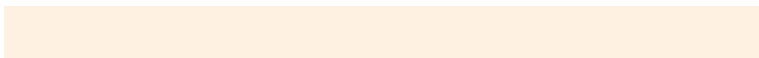
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.9820, 0.5019, -21.0322



246.7380, 4.0732, 0.2298



243.4760, -8.6157, 10.1065

Complementary

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



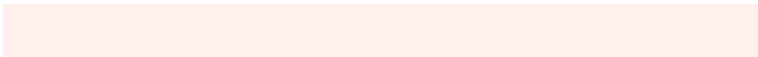
242.9820, 0.5019, -21.0322



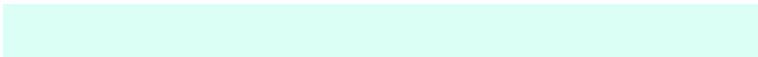
231.0180, -0.5019, 21.0322

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.



243.5560, -3.2321, 10.0364



242.9820, 0.5019, -21.0322



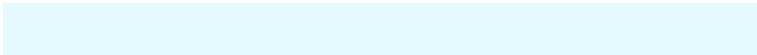
246.7820, 4.0515, 7.2072

Square

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



242.9820, 0.5019, -21.0322



244.0030, 5.4215, -12.2806



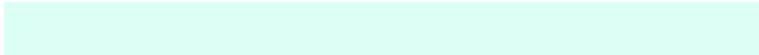
244.4510, 2.7357, 9.2515



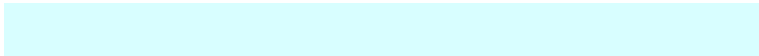
245.2540, -11.9572, 8.5472

Rectangle

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



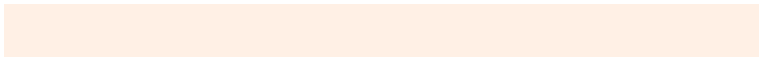
242.9820, 0.5019, -21.0322



242.7520, 6.0383, -23.4615



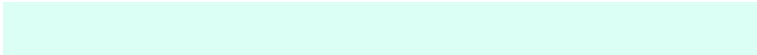
244.4510, 2.7357, 9.2515



243.2310, -7.0159, 10.3214

Sweetspot

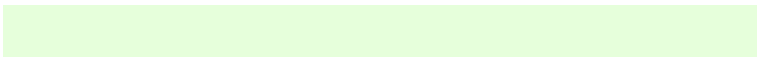
The Sweet Spot groups the original color and five complimentary colors.



242.9820, 0.5019, -21.0322



251.6680, 0.1637, -5.8478



243.4210, -12.0396, -11.7702



125.6790, 0.1583, -4.1035



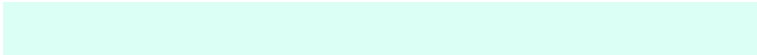
0.0000, 0.0000, 0.0000



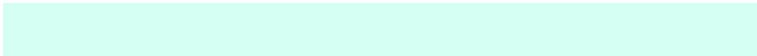
128.0000, 0.0000, 0.0000

Same Dimension

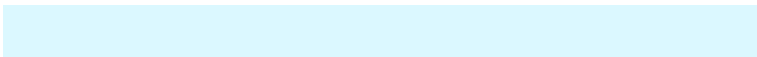
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.9820, 0.5019, -21.0322



240.6610, 0.6601, -25.1357



240.1270, 7.3324, -18.5284



123.6570, 0.1691, -7.5922



127.2790, 2.8205, -111.6237



42.5840, 0.6981, -37.3462

Inverse Universe

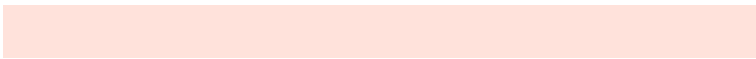
The Inverse Universe completely reimagines the original color for something new.



231.0180, -0.5019, 21.0322



226.3390, -0.6601, 25.1357



233.8730, -7.3324, 18.5284



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 242.9820, 0.5019, -21.0322 looks on a white background.

Color Contrast Check

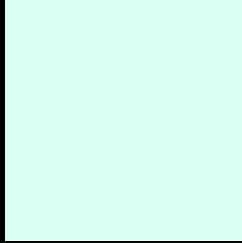
Large Text (above 18pt) WCAG AA × Fail

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 242.9820, 0.5019, -21.0322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

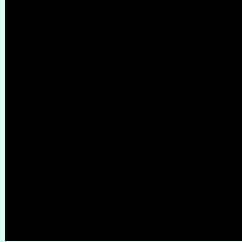
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

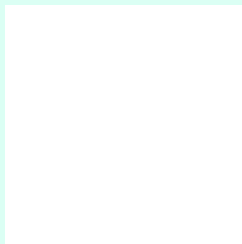
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.9820, 0.5019, -21.0322

Background



This preview shows how black text looks on a background with the YUV color 242.9820, 0.5019, -21.0322.



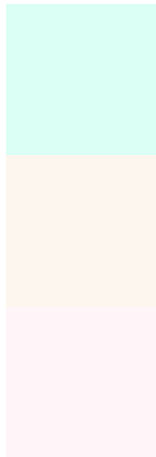
This preview shows how white text looks on a background with the YUV color 242.9820, 0.5019, -21.0322.

-21.0322.

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

242.9820, 0.5019, -21.0322

Protanopia

247.2950, -4.0894, 5.0033

Deuteranopia

247.6310, -0.3111, 6.4626



Tritanopia

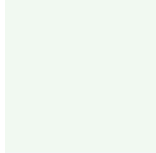
246.1070, 4.3842, -6.2328

Trichromacy



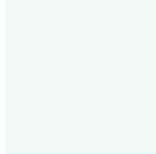
Original Color

242.9820, 0.5019, -21.0322



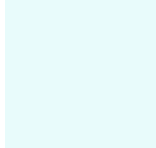
Protanomaly

245.6960, -2.3151, -4.1184



Deuteranomaly

245.9780, 0.0108, -3.4887



Tritanomaly

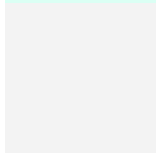
245.3190, 2.8007, -11.6808

Monochromacy



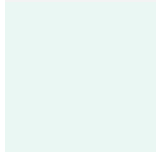
Original Color

242.9820, 0.5019, -21.0322



Achromatopsia

243.0000, 0.0000, 0.0000



Achromatomaly

242.6570, 0.1691, -7.5922

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.9820, 0.5019, -21.0322 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, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 244)  
}
```

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, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 244) }
```

Border

The CSS property to change the border of an element to YUV 242.9820, 0.5019, -21.0322 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, 255, 244) }
```


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

```
.border{ border-color:rgb(219, 255, 244) }
```

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

Here you see how a box with a 4 pixel rgb(219, 255, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 242.9820, 0.5019, -21.0322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 244) }
```

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

```
.background{ background-color: rgb(219,  
255, 244) }
```

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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[Learn more, Memberships starting at \\$2.50/m!](#)

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