

Converting Colors

YUV(241.8450, 5.0064,
-19.1581)

Have a look what the booklet for
YUV(241.8450, 5.0064, -19.1581)
contains.

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Color

**YUV(241.8450, 5.0064,
-19.1581)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFBFC
RGB	220, 251, 252
RGB Percent	86%, 98%, 99%
CMY	0.1373, 0.0157, 0.0118
CMYK	0.13, 0.00, 0.00, 0.01
HSL	182°, 84%, 93%
HSV	182°, 13%, 99%
XYZ	81.5831, 91.2383, 105.4063
YIQ	241.8450, -18.7970, -6.2610

Conversions

Conversions Part 2

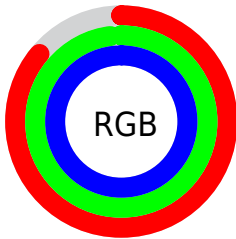
Format	Color
R _Y B	220, 236, 252
Decimal	14482428
CIE _{Lab}	96.51, -9.77, -3.87
CIE _{LCh}	97, 10.508, 201.604
Y _{xy}	91.2383, 0.2932, 0.3279
Android (android.graphics.Color)	4292672508 (0xFFDCFBFC)
Y _{UV}	241.8450, 5.0064, -19.1581
Hunter-Lab	95.5187, -14.7000, 1.4357

Details

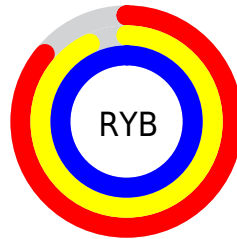
The YUV color $241.8450, 5.0064, -19.1581$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $230.1550, -5.0064, 19.1581$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.4430, 4.7116, -17.9285$ is the 20% darker color. If you saturate the color by 10%, you get $233.7830, 8.9810, -34.0127$, and if you desaturate by 10%, it is $249.9070, 1.0318, -4.3034$.

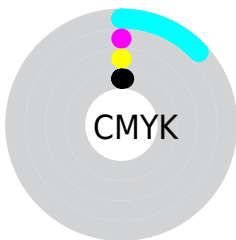
Distribution



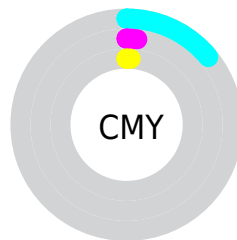
- Red (86%)
- Green (98%)
- Blue (99%)



- Red (86%)
- Yellow (93%)
- Blue (99%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.8450, 5.0064, -19.1581 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 241.8450, 5.0064, -19.1581 by changing the saturation by 10% instead.

■ 241.8450, 5.0064,
-19.1581

■ 241.8450, 5.0064,
-19.1581

255.0000, 0.0000,
0.0000

■ 213.1440, 4.8590,
-18.5433

■ 185.4430, 4.7116,
-17.9285

■ 158.4430, 4.7116,
-17.9285

■ 132.4430, 4.7116,
-17.9285

■ 106.7420, 4.5642,
-17.3137

■ 83.0410, 4.4168,
-16.6990

■ 59.3400, 4.2694,

-16.0842

■ 37.0410, 4.4168,
-16.6990

■ 17.5250, 3.6852,
-15.3694

■ 241.8450, 5.0064,
-19.1581

■ 241.8450, 5.0064,
-19.1581

■ 233.7830, 8.9810,
-34.0127

■ 249.9070, 1.0318,
-4.3034

■ 225.7210, 12.9555,
-48.8673

■ 253.4840, -0.7316,
1.3295

■ 217.9470, 16.7881,
-64.8515

■ 254.0710, -1.0210,
0.8147

■ 209.8850, 20.7627,
-79.7061

■ 254.6580, -1.3104,
0.2999

■ 201.8230, 24.7373,
-94.5608

■ 193.7610, 28.7118,
-109.4154

■ 185.6990, 32.6864,
-124.2700

■ 177.9250, 36.5190,
-140.2542

■ 171.9560, 39.4617,
-150.8054

Harmonies

Analogous

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



241.9010, 0.0488, -15.6992



241.8450, 5.0064, -19.1581



241.9100, 6.4534, -16.5841

Triad

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



241.8450, 5.0064, -19.1581



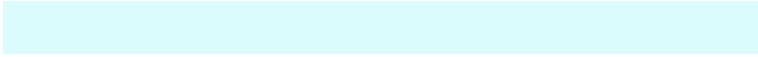
246.1950, 4.3409, 7.7220



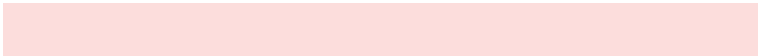
244.5360, -9.6312, 9.1769

Complementary

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



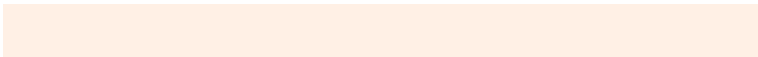
241.8450, 5.0064, -19.1581



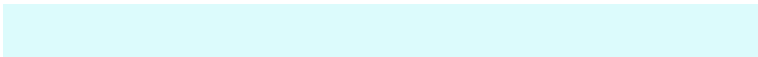
230.1550, -5.0064, 19.1581

Split Complementary

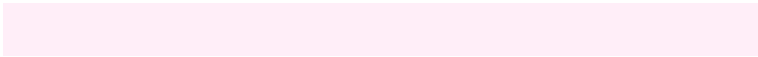
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.2310, -7.0159, 10.3214



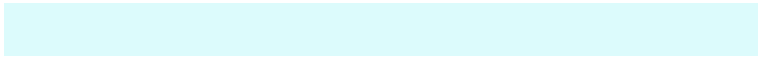
241.8450, 5.0064, -19.1581



244.2230, 1.8621, 9.4514

Square

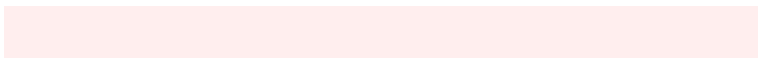
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



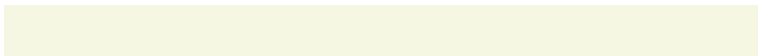
241.8450, 5.0064, -19.1581



244.6670, 5.0942, -0.5850



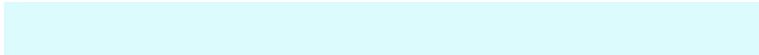
243.0830, -2.5059, 10.4512



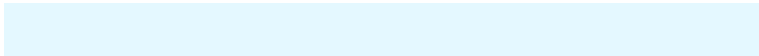
244.0080, -8.8779, 0.8700

Rectangle

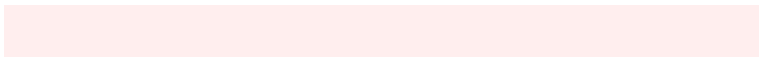
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.8450, 5.0064, -19.1581



242.8180, 6.0057, -12.9954



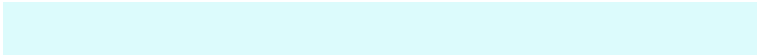
243.0830, -2.5059, 10.4512



244.0630, -8.9051, 9.5917

Sweetspot

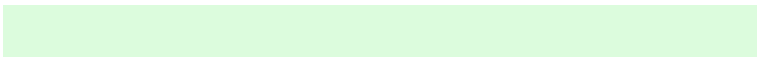
The Sweet Spot groups the original color and five complimentary colors.



241.8450, 5.0064, -19.1581



252.0100, 1.4741, -6.1478



238.8980, -8.8237, -16.5735



125.3200, 1.3212, -3.7886



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

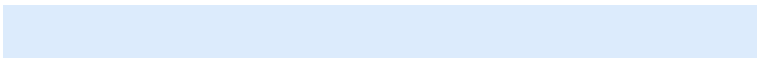
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.8450, 5.0064, -19.1581



243.0510, 5.8909, -22.8467



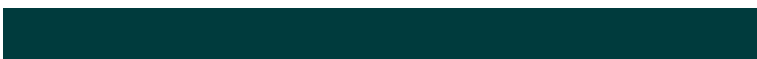
232.4530, 9.6367, -10.9213



121.1130, 1.9163, -7.9921



128.9670, 29.5963, -113.1041



41.5870, 9.5706, -36.4718

Inverse Universe

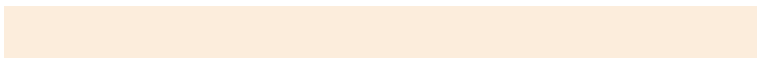
The Inverse Universe completely reimagines the original color for something new.



233.1020, 8.8237, 16.5735



232.5800, 10.5601, 19.6623



239.5470, -9.6367, 10.9213



117.3690, 3.7621, 6.6924



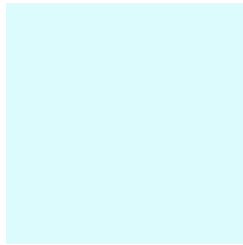
77.3730, 52.0741, 97.8969



24.9650, 16.7793, 31.6027

Previews

White Background



This preview shows how the YUV color 241.8450, 5.0064, -19.1581 looks on a white background.

Color Contrast Check

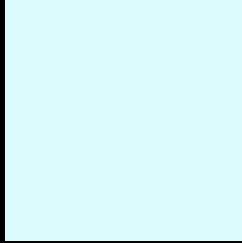
Large Text (above 18pt) WCAG AA × Fail

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 241.8450, 5.0064, -19.1581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

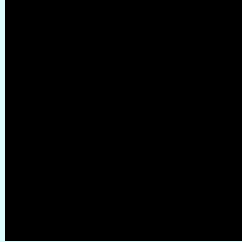
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 241.8450, 5.0064, -19.1581

Background



This preview shows how black text looks on a background with the YUV color 241.8450, 5.0064, -19.1581.



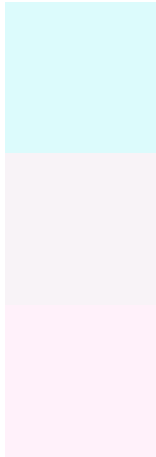
This preview shows how white text looks on a background with the YUV color 241.8450, 5.0064, -19.1581.

-19.1581.

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

241.8450, 5.0064, -19.1581

Protanopia

244.9510, 1.0102, 2.6740

Deuteranopia

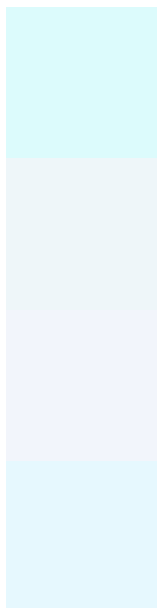
246.2120, 1.8675, 7.7071



Tritanopia

244.0360, 5.4053, -7.0476

Trichromacy



Original Color

241.8450, 5.0064, -19.1581

Protanomaly

243.9500, 2.4897, -5.2181

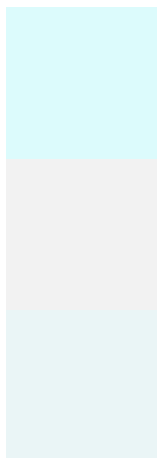
Deuteranomaly

244.7870, 3.0630, -2.4442

Tritanomaly

243.3020, 5.2741, -11.6659

Monochromacy



Original Color

241.8450, 5.0064, -19.1581

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.8250, 2.0583, -6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.8450, 5.0064, -19.1581 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(220, 251, 252)` looks like.

```
.text, #text, p{  
    color:rgb(220, 251, 252)  
}
```

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(220, 251, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 251, 252) }
```

Border

The CSS property to change the border of an element to YUV 241.8450, 5.0064, -19.1581 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(220, 251, 252) }
```


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

```
.border{ border-color:rgb(220, 251, 252) }
```

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

Here you see how a box with a 4 pixel rgb(220, 251, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 251, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 251, 252);  
box-shadow:4px 4px 4px 4px rgb(220, 251,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 241.8450, 5.0064, -19.1581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 251, 252) }
```

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

```
.background{ background-color: rgb(220,  
251, 252) }
```

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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