

Converting Colors

YUV(243.1240, -1.5401,
-19.4027)

Have a look what the booklet for
YUV(243.1240, -1.5401, -19.4027)
contains.

YUV(243.1240, -1.5401, -19.4027)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(243.1240, -1.5401,
-19.4027)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFF0
RGB	221, 255, 240
RGB Percent	87%, 100%, 94%
CMY	0.1333, 0.0000, 0.0588
CMYK	0.13, 0.00, 0.06, 0.00
HSL	154°, 100%, 93%
HSV	154°, 13%, 100%
XYZ	81.3070, 93.1834, 96.1389
YIQ	243.1240, -15.4490, -11.8730

Conversions

Conversions Part 2

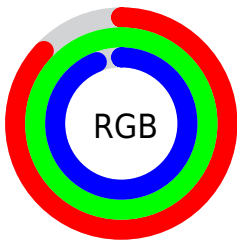
Format	Color
R _Y B	221, 243, 255
Decimal	14548976
CIE Lab	97.30, -13.73, 3.48
CIE LCh	97, 14.162, 165.787
Yxy	93.1834, 0.3004, 0.3443
Android (android.graphics.Color)	4292739056 (0xFFDDFFF0)
YUV	243.1240, -1.5401, -19.4027
Hunter-Lab	96.5316, -18.5826, 8.5232

Details

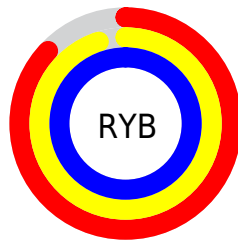
The YUV color $243.1240, -1.5401, -19.4027$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $232.8760, 1.5401, 19.4027$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.8360, -1.3981, -18.2732$ is the 20% darker color. If you saturate the color by 10%, you get $234.3950, -2.6597, -33.6724$, and if you desaturate by 10%, it is $252.1520, -0.5679, -4.5183$.

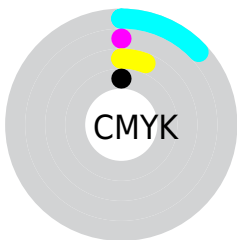
Distribution



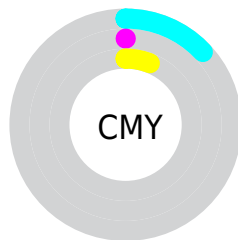
- Red (87%)
- Green (100%)
- Blue (94%)



- Red (87%)
- Yellow (95%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.1240, -1.5401, -19.4027 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 243.1240, -1.5401, -19.4027 by changing the saturation by 10% instead.

 243.1240, -1.5401,
-19.4027

 243.1240, -1.5401,
-19.4027


255.0000, 0.0000,
0.0000


 214.5370, -1.2507,
-18.8879

 186.8360, -1.3981,
-18.2732

 159.8360, -1.3981,
-18.2732

 133.2490, -1.1088,
-17.7584

 108.5480, -1.2562,
-17.1436

 83.9610, -0.9668,
-16.6288

 60.3740, -0.6774,

-16.1140

■ 38.3740, -0.6774,
-16.1140

■ 17.6730, -0.8248,
-15.4992

■ 243.1240, -1.5401,
-19.4027

■ 243.1240, -1.5401,
-19.4027

■ 234.3950, -2.6597,
-33.6724

■ 252.1520, -0.5679,
-4.5183

■ 225.3670, -3.6319,
-48.5569

255.0000, 0.0000,
0.0000

■ 216.5240, -5.1883,
-62.7265

■ 207.4960, -6.1605,
-77.6110

■ 198.7670, -7.2801,
-91.8807

■ 189.6250, -8.6891,
-106.6651

■ 180.8960, -9.8087,
-120.9348

■ 171.8680,
-10.7809, -135.8192

■ 165.8730,
-11.7694, -145.4706

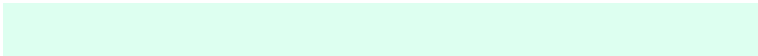
Harmonies

Analogous

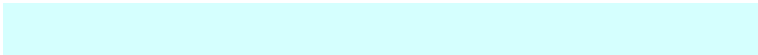
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.7680, -8.2666, -8.5665



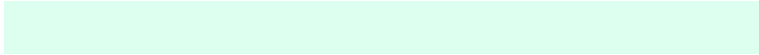
243.1240, -1.5401, -19.4027



242.3280, 5.7543, -25.7207

Triad

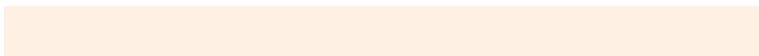
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.1240, -1.5401, -19.4027



245.8300, 4.5208, -3.3589



243.1170, -7.4527, 10.4214

Complementary

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



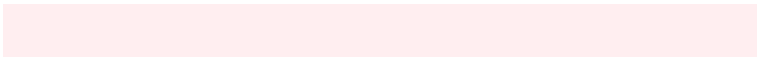
243.1240, -1.5401, -19.4027



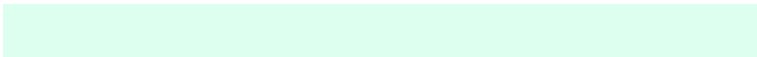
232.8760, 1.5401, 19.4027

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.



243.3110, -1.6323, 10.2513



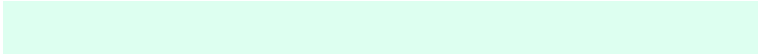
243.1240, -1.5401, -19.4027



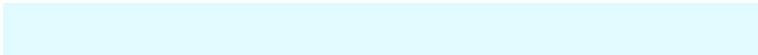
247.3690, 3.7621, 6.6924

Square

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



243.1240, -1.5401, -19.4027



243.0950, 5.8692, -15.8693



245.4940, 4.1935, 8.3368



244.6670, -11.6678, 9.0620

Rectangle

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



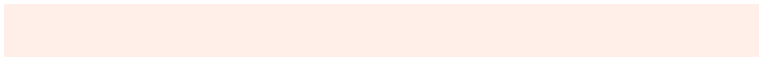
243.1240, -1.5401, -19.4027



242.4420, 6.1911, -25.8206



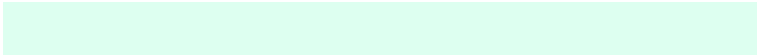
245.4940, 4.1935, 8.3368



242.9860, -5.4161, 10.5363

Sweetspot

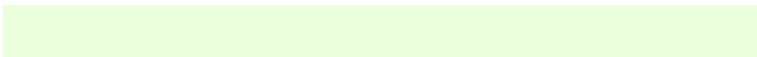
The Sweet Spot groups the original color and five complimentary colors.



243.1240, -1.5401, -19.4027



251.5540, -0.2731, -5.7479



245.4430, -12.0504, -8.2815



125.5650, -0.2785, -4.0035



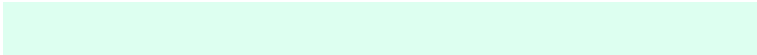
0.0000, 0.0000, 0.0000



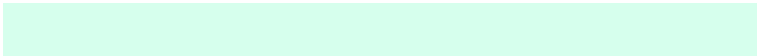
128.0000, 0.0000, 0.0000

Same Dimension

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



243.1240, -1.5401, -19.4027



240.6890, -1.8187, -23.4063



243.6600, 5.5906, -19.8728



123.4290, -0.7045, -7.3922



124.3150, -8.5363, -109.0243



41.6720, -2.7963, -36.5463

Inverse Universe

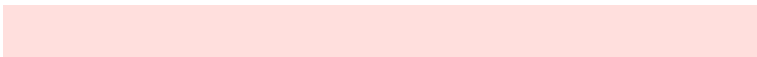
The Inverse Universe completely reimagines the original color for something new.



232.8760, 1.5401, 19.4027



228.3110, 1.8187, 23.4063



232.3400, -5.5906, 19.8728



119.4570, 0.2677, 7.4922



66.6850, 8.5363, 109.0243



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 243.1240, -1.5401, -19.4027 looks on a white background.

Color Contrast Check

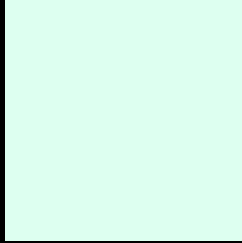
Large Text (above 18pt) WCAG AA × Fail

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 243.1240, -1.5401, -19.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

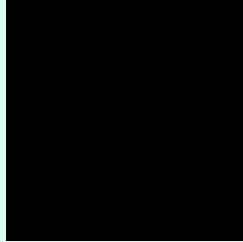
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

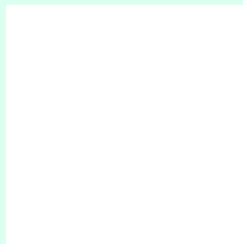
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 243.1240, -1.5401, -19.4027

Background



This preview shows how black text looks on a background with the YUV color 243.1240, -1.5401, -19.4027.



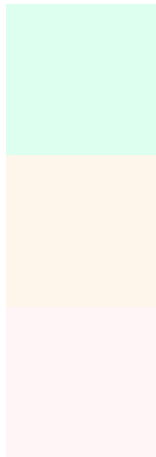
This preview shows how white text looks on a background with the YUV color 243.1240, -1.5401, -19.4027.

-19.4027.

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

243.1240, -1.5401, -19.4027

Protanopia

247.1380, -5.9840, 6.0180

Deuteranopia

247.5170, -0.7479, 6.5626

Tritanopia

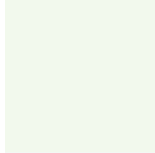
246.4060, 4.2368, -5.6181

Trichromacy



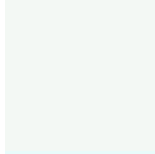
Original Color

243.1240, -1.5401, -19.4027



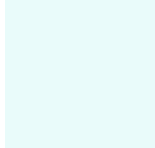
Protanomaly

245.5390, -4.2097, -3.1037



Deuteranomaly

246.0490, -1.0102, -2.6740



Tritanomaly

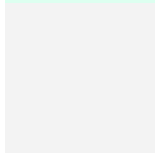
245.5040, 2.2165, -10.9660

Monochromacy



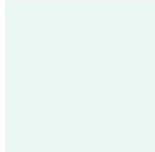
Original Color

243.1240, -1.5401, -19.4027



Achromatopsia

243.0000, 0.0000, 0.0000



Achromatomaly

242.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.1240, -1.5401, -19.4027 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(221, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 240)  
}
```

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(221, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 240) }
```

Border

The CSS property to change the border of an element to YUV 243.1240, -1.5401, -19.4027 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(221, 255, 240) }
```


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

```
.border{ border-color:rgb(221, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 243.1240, -1.5401, -19.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 240) }
```

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

```
.background{ background-color: rgb(221,  
255, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

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

**Follow me
on Twitter!**

@ConvertingColor