

Converting Colors

YUV(242.0140, 1.9651,
-23.6913)

Have a look what the booklet for
YUV(242.0140, 1.9651, -23.6913)
contains.

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Color

**YUV(242.0140, 1.9651,
-23.6913)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FFF6
RGB	215, 255, 246
RGB Percent	84%, 100%, 96%
CMY	0.1569, 0.0000, 0.0353
CMYK	0.16, 0.00, 0.04, 0.00
HSL	167°, 100%, 92%
HSV	167°, 16%, 100%
XYZ	80.4189, 92.6209, 100.8279
YIQ	242.0140, -20.9510, -11.2790

Conversions

Conversions Part 2

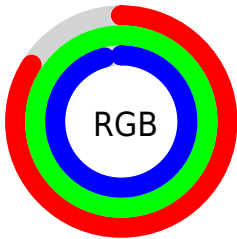
Format	Color
R _Y B	215, 238, 255
Decimal	14155766
CIE Lab	97.07, -14.48, 0.01
CIE LCh	97, 14.478, 179.948
Yxy	92.6209, 0.2936, 0.3382
Android (android.graphics.Color)	4292345846 (0xFFD7FFF6)
YUV	242.0140, 1.9651, -23.6913
Hunter-Lab	96.2397, -19.2632, 5.2512

Details

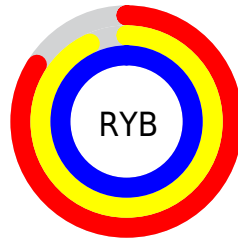
The YUV color $242.0140, 1.9651, -23.6913$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $227.9860, -1.9651, 23.6913$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.7260, 2.1071, -22.5617$ is the 20% darker color. If you saturate the color by 10%, you get $233.8550, 3.0295, -38.4608$, and if you desaturate by 10%, it is $250.4720, 0.7533, -8.3069$.

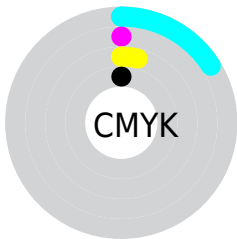
Distribution



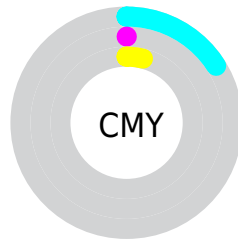
- Red (84%)
- Green (100%)
- Blue (96%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.0140, 1.9651, -23.6913 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 242.0140, 1.9651, -23.6913 by changing the saturation by 10% instead.

■ 242.0140, 1.9651,
-23.6913

■ 242.0140, 1.9651,
-23.6913

255.0000, 0.0000,
0.0000

■ 213.4270, 2.2545,
-23.1765

■ 185.7260, 2.1071,
-22.5617

■ 158.7260, 2.1071,
-22.5617

■ 132.3240, 1.8123,
-21.3321

■ 107.3240, 1.8123,
-21.3321

■ 82.7370, 2.1017,
-20.8173

■ 58.8510, 2.5385,

-20.9173

■ 36.5520, 2.6859,
-21.5321

■ 18.2430, 1.3592,
-15.9991

■ 242.0140, 1.9651,
-23.6913

■ 242.0140, 1.9651,
-23.6913

■ 233.8550, 3.0295,
-38.4608

■ 250.4720, 0.7533,
-8.3069

■ 225.5110, 4.6781,
-53.9451

255.0000, 0.0000,
0.0000

■ 217.3520, 5.7425,
-68.7147

■ 208.8940, 6.9543,
-84.0990

■ 200.7350, 8.0186,
-98.8686

■ 192.3910, 9.6672,
-114.3529

■ 183.9330, 10.8790,
-129.7372

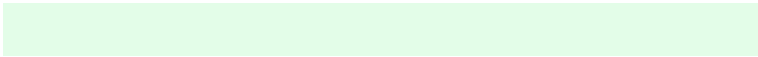
■ 175.7740, 11.9434,
-144.5068

■ 172.2570, 12.6913,
-151.0694

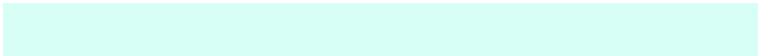
Harmonies

Analogous

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



242.8320, -5.3402, -13.8847



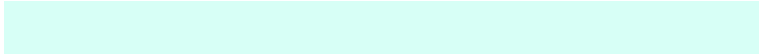
242.0140, 1.9651, -23.6913



241.2570, 6.7753, -26.5354

Triad

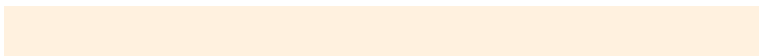
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.0140, 1.9651, -23.6913



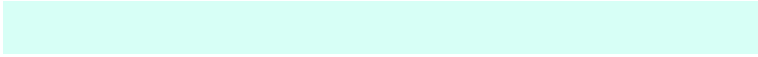
246.1620, 4.3571, 2.4889



243.1340, -9.9261, 10.4065

Complementary

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



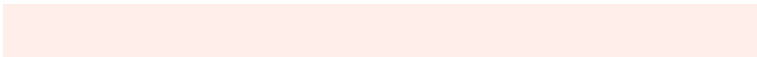
242.0140, 1.9651, -23.6913



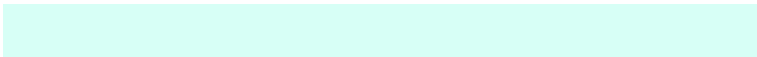
227.9860, -1.9651, 23.6913

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.



242.5130, -4.6899, 10.9511



242.0140, 1.9651, -23.6913



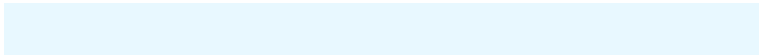
245.6080, 4.6303, 8.2368

Square

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



242.0140, 1.9651, -23.6913



244.0140, 5.4161, -10.5363



243.5220, 1.7147, 10.0662



245.6130, -13.1202, 8.2324

Rectangle

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



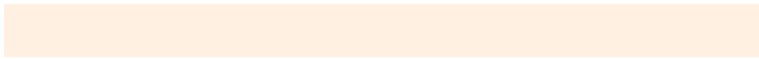
242.0140, 1.9651, -23.6913



241.5670, 6.6225, -24.1763



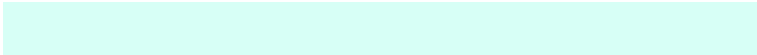
243.5220, 1.7147, 10.0662



242.8890, -8.3263, 10.6213

Sweetspot

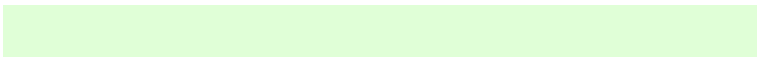
The Sweet Spot groups the original color and five complimentary colors.



242.0140, 1.9651, -23.6913



250.7710, 0.6059, -7.6922



241.1710, -12.9023, -15.0590



125.3800, 0.3057, -4.7183



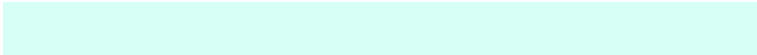
0.0000, 0.0000, 0.0000



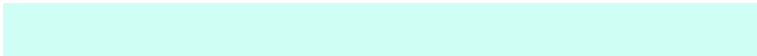
128.0000, 0.0000, 0.0000

Same Dimension

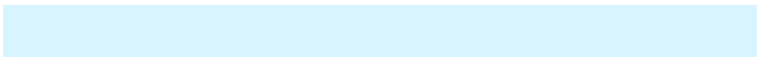
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.0140, 1.9651, -23.6913



239.3940, 2.2708, -28.4095



236.5830, 9.0796, -18.9283



123.7710, 0.6059, -7.6922



128.9890, 9.3724, -113.1234



43.1540, 2.8821, -37.8461

Inverse Universe

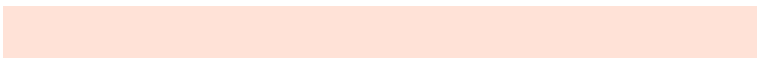
The Inverse Universe completely reimagines the original color for something new.



227.9860, -1.9651, 23.6913



222.4920, -2.7076, 28.5095



233.4170, -9.0796, 18.9283



119.2290, -0.6059, 7.6922



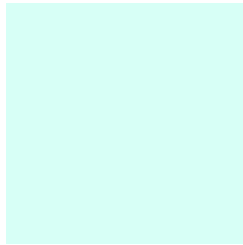
62.0110, -9.3724, 113.1234



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 242.0140, 1.9651, -23.6913 looks on a white background.

Color Contrast Check

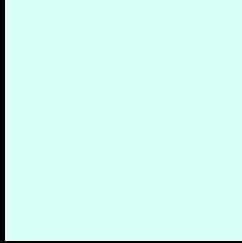
Large Text (above 18pt) WCAG AA × Fail

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 242.0140, 1.9651, -23.6913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

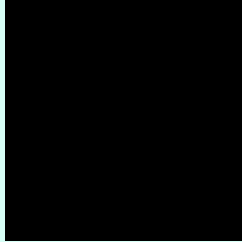
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

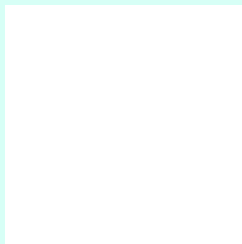
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.0140, 1.9651, -23.6913

Background



This preview shows how black text looks on a background with the YUV color 242.0140, 1.9651, -23.6913.



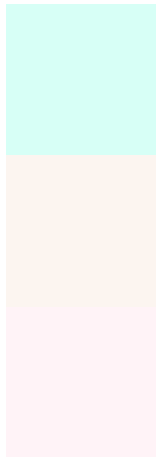
This preview shows how white text looks on a background with the YUV color 242.0140, 1.9651, -23.6913.

-23.6913.

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

242.0140, 1.9651, -23.6913

Protanopia

246.5230, -3.2158, 4.8033

Deuteranopia

247.0440, -0.0217, 6.9774



Tritanopia

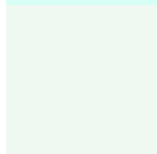
245.5090, 4.6791, -7.4624

Trichromacy



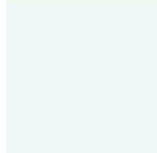
Original Color

242.0140, 1.9651, -23.6913



Protanomaly

245.2120, -1.5835, -5.4479



Deuteranomaly

244.9070, 1.0318, -4.3034



Tritanomaly

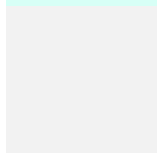
244.5360, 3.6798, -13.6251

Monochromacy



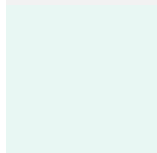
Original Color

242.0140, 1.9651, -23.6913



Achromatopsia

242.0000, 0.0000, 0.0000



Achromatomaly

242.0590, 0.4639, -8.8217

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.0140, 1.9651, -23.6913 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(215, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 246)  
}
```

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(215, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 246) }
```

Border

The CSS property to change the border of an element to YUV 242.0140, 1.9651, -23.6913 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(215, 255, 246) }
```


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

```
.border{ border-color:rgb(215, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 242.0140, 1.9651, -23.6913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 246) }
```

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

```
.background{ background-color: rgb(215,  
255, 246) }
```

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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