

Converting Colors

YUV(242.1000, 4.8807,
-25.5207)

Have a look what the booklet for
YUV(242.1000, 4.8807, -25.5207)
contains.

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Color

**YUV(242.1000, 4.8807,
-25.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FFFC
RGB	213, 255, 252
RGB Percent	84%, 100%, 99%
CMY	0.1647, 0.0000, 0.0118
CMYK	0.16, 0.00, 0.01, 0.00
HSL	176°, 100%, 92%
HSV	176°, 16%, 100%
XYZ	80.7713, 92.6944, 105.7302
YIQ	242.1000, -24.0690, -9.8370

Conversions

Conversions Part 2

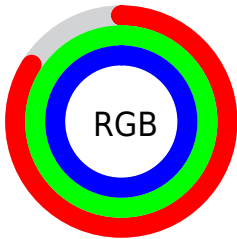
Format	Color
R _Y B	213, 235, 255
Decimal	14024700
CIE Lab	97.10, -13.92, -3.04
CIE LCh	97, 14.246, 192.340
Yxy	92.6944, 0.2893, 0.3320
Android (android.graphics.Color)	4292214780 (0xFFD5FFFC)
YUV	242.1000, 4.8807, -25.5207
Hunter-Lab	96.2779, -18.7359, 2.2837

Details

The YUV color $242.1000, 4.8807, -25.5207$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $225.9000, -4.8807, 25.5207$, 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 $185.6980, 4.5859, -24.2911$ is the 20% darker color. If you saturate the color by 10%, you get $234.3970, 7.6923, -40.6902$, and if you desaturate by 10%, it is $250.1020, 1.9217, -9.7365$.

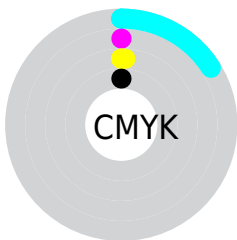
Distribution



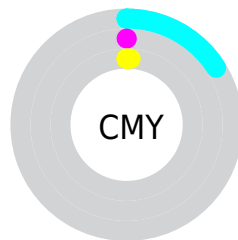
- Red (84%)
- Green (100%)
- Blue (99%)



- Red (84%)
- Yellow (92%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.1000, 4.8807, -25.5207 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 242.1000, 4.8807, -25.5207 by changing the saturation by 10% instead.

■ 242.1000, 4.8807,
-25.5207

■ 242.1000, 4.8807,
-25.5207

255.0000, 0.0000,
0.0000

■ 213.3990, 4.7333,
-24.9059

■ 185.6980, 4.5859,
-24.2911

■ 158.6980, 4.5859,
-24.2911

■ 132.1110, 4.8753,
-23.7763

■ 106.9970, 4.4385,
-23.6764

■ 82.4100, 4.7279,
-23.1616

■ 58.4100, 4.7279,

-23.1616

■ 35.5130, 5.1701,
-25.0059

■ 18.6990, 3.1064,
-16.3990

■ 242.1000, 4.8807,
-25.5207

■ 242.1000, 4.8807,
-25.5207

■ 234.3970, 7.6923,
-40.6902

■ 250.1020, 1.9217,
-9.7365

■ 226.3950, 10.6513,
-56.4744

255.0000, 0.0000,
0.0000

■ 218.8060, 13.8996,
-71.7439

■ 210.8040, 16.8586,
-87.5281

■ 203.1010, 19.6702,
-102.6976

■ 195.0990, 22.6292,
-118.4818

■ 187.0970, 25.5882,
-134.2661

■ 179.3940, 28.3998,
-149.4355

■ 176.7030, 29.7264,
-154.9685

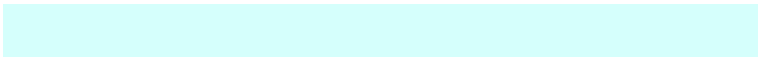
Harmonies

Analogous

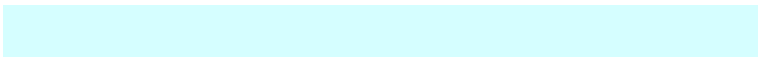
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.6080, -2.2717, -18.0732



242.1000, 4.8807, -25.5207



241.8550, 6.4805, -25.3058

Triad

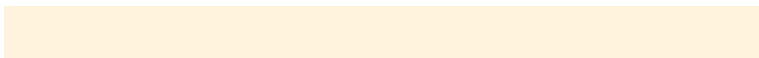
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.1000, 4.8807, -25.5207



246.7820, 4.0515, 7.2072



244.0800, -11.3784, 9.5768

Complementary

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



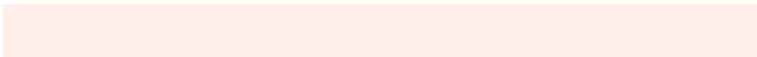
242.1000, 4.8807, -25.5207



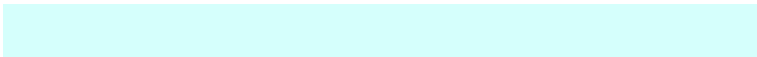
225.9000, -4.8807, 25.5207

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.



242.6440, -6.7265, 10.8362



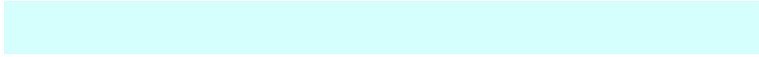
242.1000, 4.8807, -25.5207



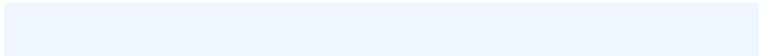
245.0210, 4.9196, 8.7516

Square

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



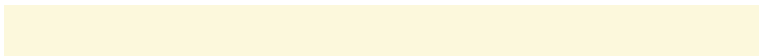
242.1000, 4.8807, -25.5207



244.9330, 4.9630, -5.2032



242.8380, -0.9061, 10.6661



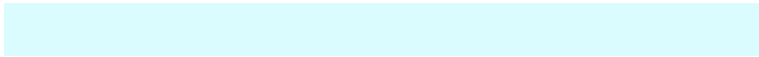
246.0040, -12.8200, 5.2585

Rectangle

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



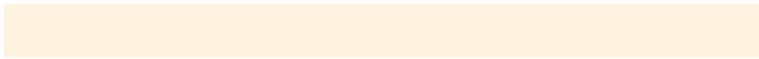
242.1000, 4.8807, -25.5207



242.4750, 6.1748, -20.5876



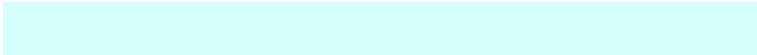
242.8380, -0.9061, 10.6661



243.7210, -10.2155, 9.8917

Sweetspot

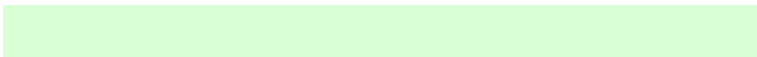
The Sweet Spot groups the original color and five complimentary colors.



242.1000, 4.8807, -25.5207



250.9990, 1.4795, -7.8921



238.8500, -12.7440, -19.1624



125.4940, 0.7425, -4.8182



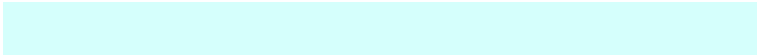
0.0000, 0.0000, 0.0000



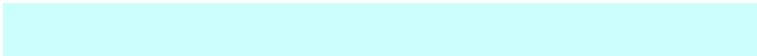
128.0000, 0.0000, 0.0000

Same Dimension

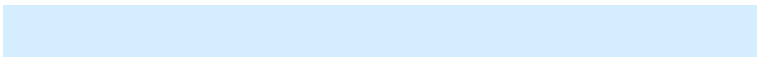
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.1000, 4.8807, -25.5207



239.2950, 5.7706, -30.9537



232.4630, 11.1107, -17.0691



123.9990, 1.4795, -7.8921



132.4090, 22.4764, -116.1227



44.2940, 7.2501, -38.8458

Inverse Universe

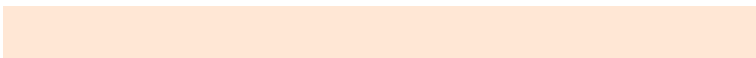
The Inverse Universe completely reimagines the original color for something new.



225.9000, -4.8807, 25.5207



219.7050, -5.7706, 30.9537



236.1240, -11.4001, 16.5543



119.0010, -1.4795, 7.8921



58.7050, -22.0396, 116.0227



19.7060, -7.2501, 38.8458

Previews

White Background



This preview shows how the YUV color 242.1000, 4.8807, -25.5207 looks on a white background.

Color Contrast Check

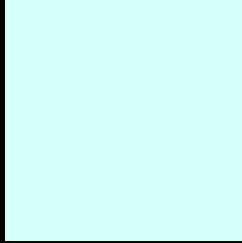
Large Text (above 18pt) WCAG AA × Fail

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 242.1000, 4.8807, -25.5207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

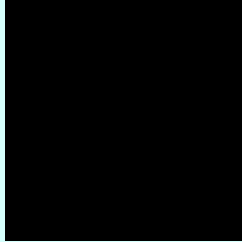
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

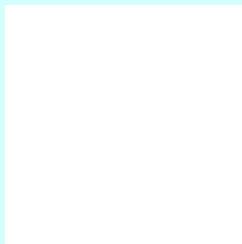
Any Text WCAG AAA ✓ Pass

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

YUV 242.1000, 4.8807, -25.5207 Background



This preview shows how black text looks on a background with the YUV color 242.1000, 4.8807, -25.5207.



This preview shows how white text looks on a background with the YUV color 242.1000, 4.8807, -25.5207.

-25.5207.

Color Blindness Simulation

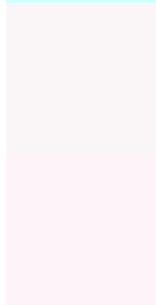
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

242.1000, 4.8807, -25.5207



Protanopia

246.6090, -0.3002, 2.9739

Deuteranopia

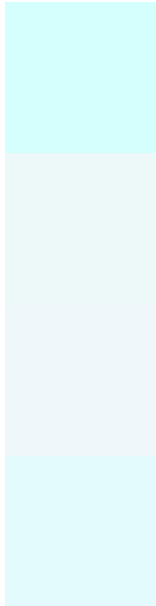
247.3860, 1.2887, 6.6775



Tritanopia

245.5090, 4.6791, -7.4624

Trichromacy



Original Color

242.1000, 4.8807, -25.5207

Protanomaly

245.2980, 1.3321, -7.2773

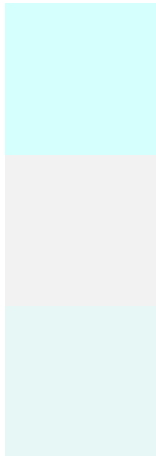
Deuteranomaly

245.3630, 2.7790, -4.7034

Tritanomaly

244.4650, 4.7008, -14.4398

Monochromacy



Original Color

242.1000, 4.8807, -25.5207

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.1020, 1.9217, -9.7365

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.1000, 4.8807, -25.5207 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(213, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 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(213, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 252) }
```

Border

The CSS property to change the border of an element to YUV 242.1000, 4.8807, -25.5207 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(213, 255, 252) }
```


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

```
.border{ border-color:rgb(213, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 242.1000, 4.8807, -25.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 252) }
```

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

```
.background{ background-color: rgb(213,  
255, 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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