

Converting Colors

YUV(237.5060, -7.6445,
-21.4918)

Have a look what the booklet for
YUV(237.5060, -7.6445, -21.4918)
contains.

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Color

**YUV(237.5060, -7.6445,
-21.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FDDE
RGB	213, 253, 222
RGB Percent	84%, 99%, 87%
CMY	0.1647, 0.0078, 0.1294
CMYK	0.16, 0.00, 0.12, 0.01
HSL	134°, 91%, 91%
HSV	134°, 16%, 99%
XYZ	75.7507, 89.6706, 82.4229
YIQ	237.5060, -13.8890, -18.1210

Conversions

Conversions Part 2

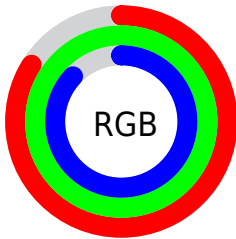
Format	Color
R_{YB}	213, 246, 253
Decimal	14024158
CIE _{Lab}	95.86, -18.58, 10.59
CIE _{LCh}	96, 21.386, 150.325
Yxy	89.6706, 0.3056, 0.3618
Android (android.graphics.Color)	4292214238 (0xFFD5FDDE)
YUV	237.5060, -7.6445, -21.4918
Hunter-Lab	94.6946, -22.9249, 14.6797

Details

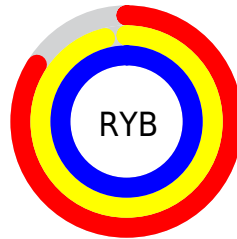
The YUV color $237.5060, -7.6445, -21.4918$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $228.4940, 7.6445, 21.4918$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.3320, -7.0657, -20.4622$ is the 20% darker color. If you saturate the color by 10%, you get $227.7510, -12.6952, -34.8616$, and if you desaturate by 10%, it is $247.2610, -2.5937, -8.1219$.

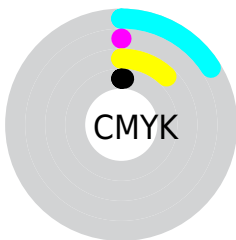
Distribution



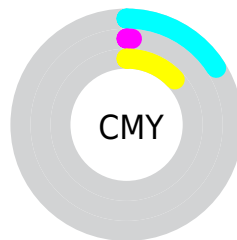
- Red (84%)
- Green (99%)
- Blue (87%)



- Red (84%)
- Yellow (96%)
- Blue (99%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.5060, -7.6445, -21.4918 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 237.5060, -7.6445, -21.4918 by changing the saturation by 10% instead.

■ 237.5060, -7.6445,
-21.4918

■ 237.5060, -7.6445,
-21.4918

255.0000, 0.0000,
0.0000

■ 208.9190, -7.3551,
-20.9770

■ 181.3320, -7.0657,
-20.4622

■ 154.6310, -7.2131,
-19.8474

■ 128.1580, -6.4869,
-19.4326

■ 103.1580, -6.4869,
-19.4326

■ 78.6850, -5.7607,
-19.0177

■ 55.2120, -5.0345,

-18.6029

■ 33.0270, -4.4503,
-19.3177

■ 15.2620, -7.5242,
-13.3848

■ 237.5060, -7.6445,
-21.4918

■ 237.5060, -7.6445,
-21.4918

■ 227.7510,
-12.6952, -34.8616

■ 247.2610, -2.5937,
-8.1219

■ 217.8110,
-17.1618, -48.9462

■ 253.8260, 0.5788,
1.0296

■ 208.0560,
-22.2126, -62.3161

■ 198.4150,
-26.8266, -75.7860

■ 188.3610,
-31.7300, -89.7706

■ 178.6060,
-36.7808, -103.1405

■ 168.9650,
-41.3947, -116.6103

■ 159.2100,
-46.4455, -129.9802

■ 155.0090,
-48.3184, -135.9429

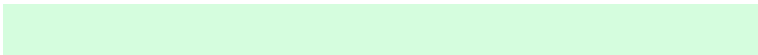
Harmonies

Analogous

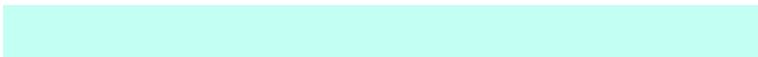
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.7380, -16.1398, -3.2782



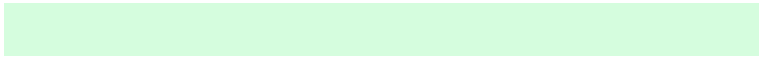
237.5060, -7.6445, -21.4918



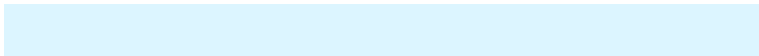
235.6920, 3.6028, -35.6869

Triad

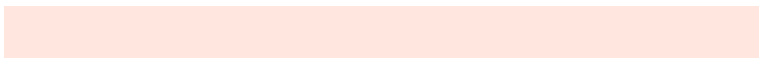
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.5060, -7.6445, -21.4918



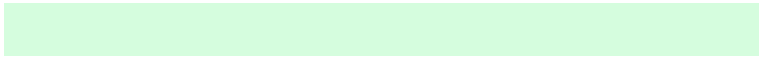
238.6650, 8.0532, -16.3692



236.6770, -6.7428, 16.0693

Complementary

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



237.5060, -7.6445, -21.4918



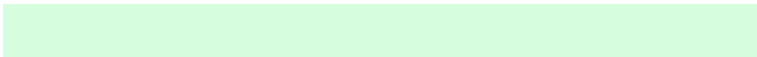
228.4940, 7.6445, 21.4918

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.



238.4840, 2.7194, 14.4845



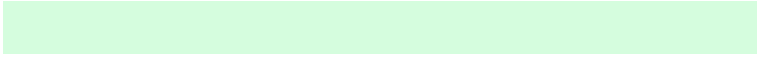
237.5060, -7.6445, -21.4918



242.6290, 6.0989, 3.8334

Square

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



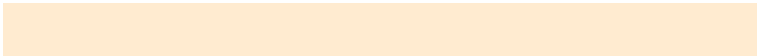
237.5060, -7.6445, -21.4918



235.6090, 9.5598, -32.9831



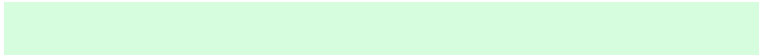
241.4990, 6.6560, 11.8404



237.9020, -14.7417, 14.9949

Rectangle

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



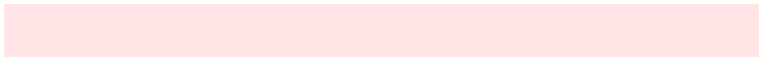
237.5060, -7.6445, -21.4918



235.2660, 9.7289, -40.5753



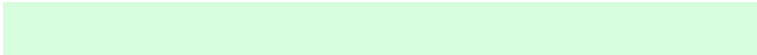
241.4990, 6.6560, 11.8404



236.8880, -3.3958, 15.8842

Sweetspot

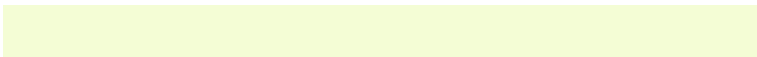
The Sweet Spot groups the original color and five complimentary colors.



237.5060, -7.6445, -21.4918



249.9730, -2.4517, -6.9923



245.7490, -16.1453, -1.5339



124.9240, -1.4415, -4.3183



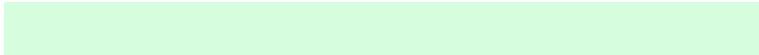
0.0000, 0.0000, 0.0000



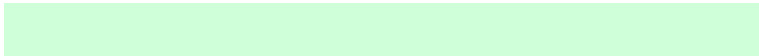
128.0000, 0.0000, 0.0000

Same Dimension

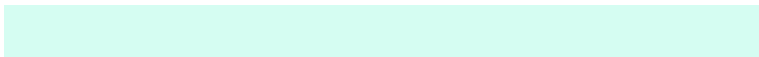
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.5060, -7.6445, -21.4918



236.3160, -9.5228, -25.7101



239.7860, 1.0915, -23.4913



122.9730, -2.4517, -6.9923



117.0190, -36.4914, -102.6257



39.1640, -12.4059, -34.3468

Inverse Universe

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



228.4940, 7.6445, 21.4918



225.5700, 9.0860, 25.8101



226.2140, -1.0915, 23.4913



120.0270, 2.4517, 6.9923



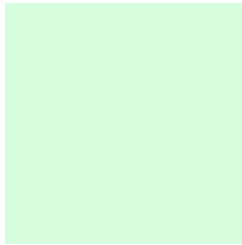
73.9810, 36.4914, 102.6257



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 237.5060, -7.6445, -21.4918 looks on a white background.

Color Contrast Check

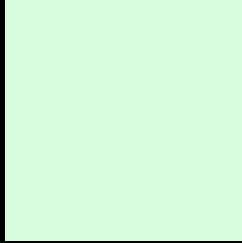
Large Text (above 18pt) WCAG AA × Fail

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 237.5060, -7.6445, -21.4918 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

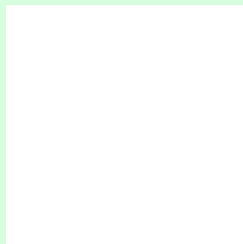
Any Text WCAG AAA ✓ Pass

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

YUV 237.5060, -7.6445, -21.4918 Background



This preview shows how black text looks on a background with the YUV color 237.5060, -7.6445, -21.4918.



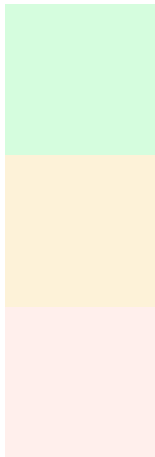
This preview shows how white text looks on a background with the YUV color 237.5060, -7.6445,

-21.4918.

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

237.5060, -7.6445, -21.4918

Protanopia

242.3250, -12.9782, 9.3620

Deuteranopia

243.4420, -3.6689, 10.1364



Tritanopia

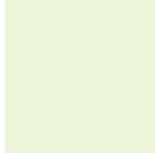
242.2530, 6.2843, -8.9919

Trichromacy



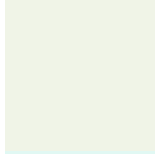
Original Color

237.5060, -7.6445, -21.4918



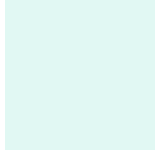
Protanomaly

240.4160, -11.0511, -2.1188



Deuteranomaly

241.3220, -5.0887, -1.1594



Tritanomaly

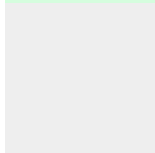
240.5530, 1.2064, -13.6400

Monochromacy



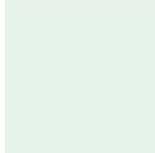
Original Color

237.5060, -7.6445, -21.4918



Achromatopsia

238.0000, 0.0000, 0.0000



Achromatomaly

237.5600, -2.7411, -7.5071

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.5060, -7.6445, -21.4918 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, 253, 222)` looks like.

```
.text, #text, p{  
    color:rgb(213, 253, 222)  
}
```

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, 253, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 253, 222) }
```

Border

The CSS property to change the border of an element to YUV 237.5060, -7.6445, -21.4918 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, 253, 222) }
```


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

```
.border{ border-color:rgb(213, 253, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 253, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 253, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 253, 222);  
box-shadow:4px 4px 4px 4px rgb(213, 253,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 237.5060, -7.6445, -21.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 253, 222) }
```

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

```
.background{ background-color: rgb(213,  
253, 222) }
```

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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