

Converting Colors

YUV(241.7000, -1.8241,
-21.6619)

Have a look what the booklet for
YUV(241.7000, -1.8241, -21.6619)
contains.

YUV(241.7000, -1.8241, -21.6619)	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(241.7000, -1.8241,
-21.6619)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FFEE
RGB	217, 255, 238
RGB Percent	85%, 100%, 93%
CMY	0.1490, 0.0000, 0.0667
CMYK	0.15, 0.00, 0.07, 0.00
HSL	153°, 100%, 93%
HSV	153°, 15%, 100%
XYZ	79.8079, 92.4448, 94.5262
YIQ	241.7000, -17.1910, -13.3430

Conversions

Conversions Part 2

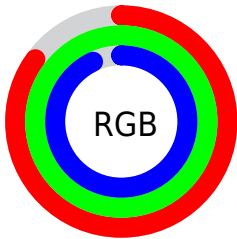
Format	Color
R _Y B	217, 241, 255
Decimal	14286830
CIE Lab	97.00, -15.37, 4.04
CIE LCh	97, 15.891, 165.278
Yxy	92.4448, 0.2992, 0.3465
Android (android.graphics.Color)	4292476910 (0xFFD9FFEE)
YUV	241.7000, -1.8241, -21.6619
Hunter-Lab	96.1482, -20.0953, 9.0139

Details

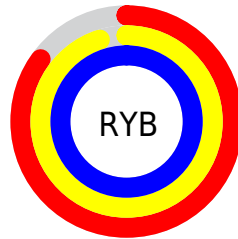
The YUV color $241.7000, -1.8241, -21.6619$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $230.3000, 1.8241, 21.6619$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.4120, -1.6821, -20.5323$ is the 20% darker color. If you saturate the color by 10%, you get $232.9710, -2.9437, -35.9316$, and if you desaturate by 10%, it is $250.7280, -0.8519, -6.7775$.

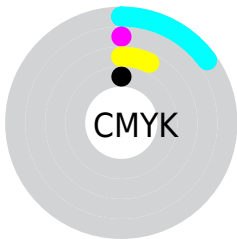
Distribution



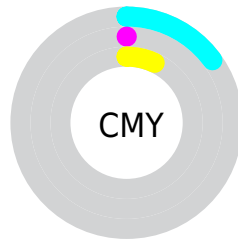
- Red (85%)
- Green (100%)
- Blue (93%)



- Red (85%)
- Yellow (95%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.7000, -1.8241, -21.6619 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 241.7000, -1.8241, -21.6619 by changing the saturation by 10% instead.

■ 241.7000, -1.8241,
-21.6619

■ 241.7000, -1.8241,
-21.6619

255.0000, 0.0000,
0.0000

■ 213.1130, -1.5347,
-21.1471

■ 185.4120, -1.6821,
-20.5323

■ 158.4120, -1.6821,
-20.5323

■ 132.1240, -1.5401,
-19.4027

■ 107.1240, -1.5401,
-19.4027

■ 82.5370, -1.2507,
-18.8879

■ 58.9500, -0.9613,

-18.3731

■ 36.1780, -0.0878,
-18.5731

■ 17.4450, -1.6984,
-15.2993

■ 241.7000, -1.8241,
-21.6619

■ 241.7000, -1.8241,
-21.6619

■ 232.9710, -2.9437,
-35.9316

■ 250.7280, -0.8519,
-6.7775

■ 223.8290, -4.3527,
-50.7160

255.0000, 0.0000,
0.0000

■ 215.1000, -5.4723,
-64.9857

■ 205.9580, -6.8813,
-79.7702

■ 197.2290, -8.0009,
-94.0398

■ 188.2010, -8.9731,
-108.9243

■ 179.0590,
-10.3821, -123.7087

■ 170.3300,
-11.5017, -137.9784

■ 165.7590,
-12.2062, -145.3706

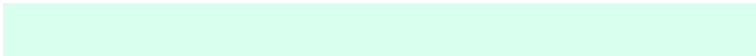
Harmonies

Analogous

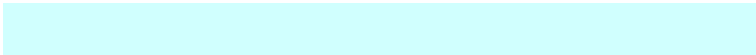
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.1270, -9.4296, -8.8814



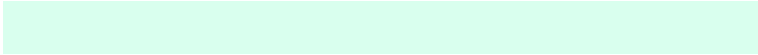
241.7000, -1.8241, -21.6619



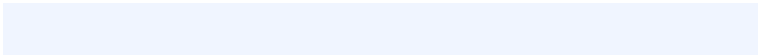
240.8330, 6.4913, -28.7945

Triad

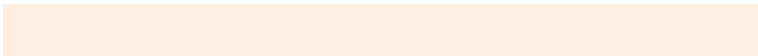
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.7000, -1.8241, -21.6619



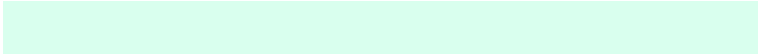
244.6450, 5.1050, -4.0737



241.6010, -8.1843, 11.7509

Complementary

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



241.7000, -1.8241, -21.6619



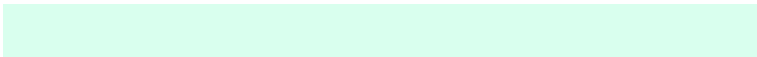
230.3000, 1.8241, 21.6619

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.



242.0230, -1.4903, 11.3808



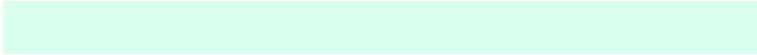
241.7000, -1.8241, -21.6619



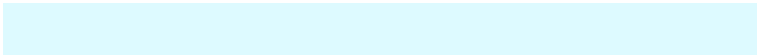
246.1950, 4.3409, 7.7220

Square

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



241.7000, -1.8241, -21.6619



241.8990, 6.4588, -18.3284



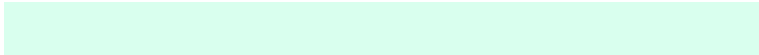
244.4340, 5.2090, 9.2664



243.6240, -13.1256, 9.9768

Rectangle

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



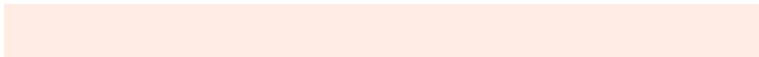
241.7000, -1.8241, -21.6619



240.9470, 6.9281, -28.8945



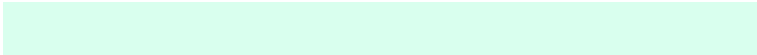
244.4340, 5.2090, 9.2664



241.4700, -6.1477, 11.8658

Sweetspot

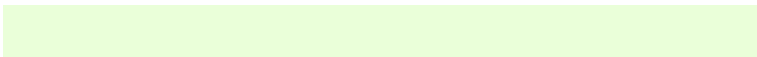
The Sweet Spot groups the original color and five complimentary colors.



241.7000, -1.8241, -21.6619



251.4400, -0.7099, -5.6479



244.3890, -13.5028, -9.1112



125.5650, -0.2785, -4.0035



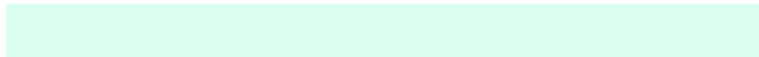
0.0000, 0.0000, 0.0000



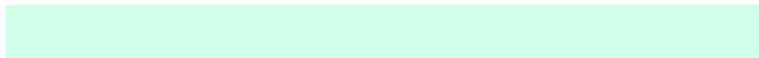
128.0000, 0.0000, 0.0000

Same Dimension

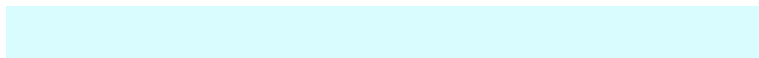
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.7000, -1.8241, -21.6619



238.8520, -2.3920, -26.1802



242.4640, 6.1802, -22.3319



123.4290, -0.7045, -7.3922



124.2010, -8.9731, -108.9243



41.5580, -3.2331, -36.4464

Inverse Universe

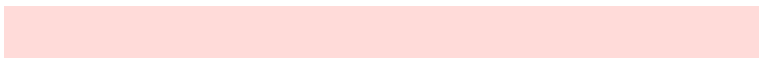
The Inverse Universe completely reimagines the original color for something new.



230.3000, 1.8241, 21.6619



225.1480, 2.3920, 26.1802



229.5360, -6.1802, 22.3319



119.4570, 0.2677, 7.4922



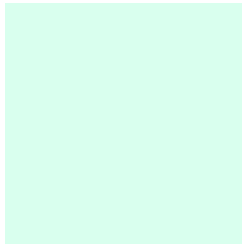
66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 241.7000, -1.8241, -21.6619 looks on a white background.

Color Contrast Check

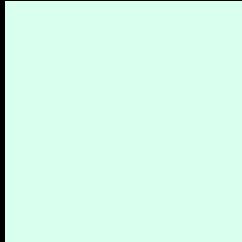
Large Text (above 18pt) WCAG AA × Fail

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 241.7000, -1.8241, -21.6619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

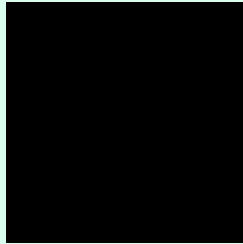
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

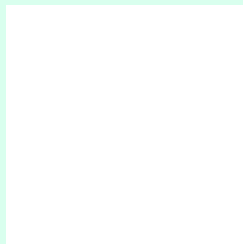
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.7000, -1.8241, -21.6619

Background



This preview shows how black text looks on a background with the YUV color 241.7000, -1.8241, -21.6619.



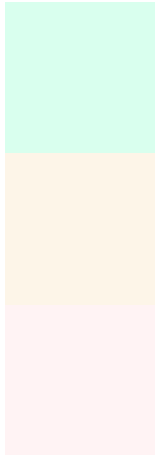
This preview shows how white text looks on a background with the YUV color 241.7000, -1.8241, -21.6619.

-21.6619.

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

241.7000, -1.8241, -21.6619

Protanopia

245.9100, -6.8576, 6.2179

Deuteranopia

246.7020, -1.3321, 7.2773



Tritanopia

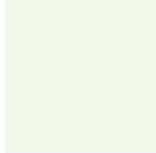
245.8080, 4.5317, -6.8476

Trichromacy



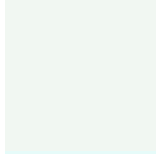
Original Color

241.7000, -1.8241, -21.6619



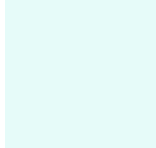
Protanomaly

244.5990, -5.2253, -4.0333



Deuteranomaly

244.6360, -1.2995, -3.1888



Tritanomaly

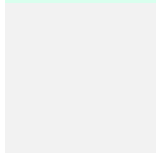
244.4930, 2.2220, -12.7104

Monochromacy



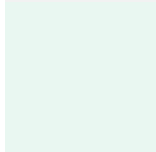
Original Color

241.7000, -1.8241, -21.6619



Achromatopsia

242.0000, 0.0000, 0.0000



Achromatomaly

242.1300, -0.5571, -8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.7000, -1.8241, -21.6619 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(217, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 238)  
}
```

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(217, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 238) }
```

Border

The CSS property to change the border of an element to YUV 241.7000, -1.8241, -21.6619 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(217, 255, 238) }
```


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

```
.border{ border-color:rgb(217, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 241.7000, -1.8241, -21.6619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 238) }
```

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

```
.background{ background-color: rgb(217,  
255, 238) }
```

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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