

Converting Colors

YUV(241.3410, -0.6611,
-21.3471)

Have a look what the booklet for
YUV(241.3410, -0.6611, -21.3471)
contains.

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Color

**YUV(241.3410, -0.6611,
-21.3471)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FEF0
RGB	217, 254, 240
RGB Percent	85%, 100%, 94%
CMY	0.1490, 0.0039, 0.0588
CMYK	0.15, 0.00, 0.06, 0.00
HSL	157°, 95%, 92%
HSV	157°, 15%, 100%
XYZ	79.7853, 91.9266, 95.9766
YIQ	241.3410, -17.5580, -12.1980

Conversions

Conversions Part 2

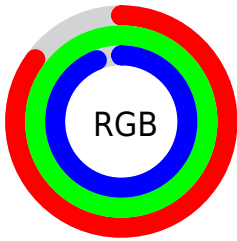
Format	Color
R _Y B	217, 240, 254
Decimal	14286576
CIE Lab	96.79, -14.50, 2.70
CIE LCh	97, 14.752, 169.442
Yxy	91.9266, 0.2981, 0.3434
Android (android.graphics.Color)	4292476656 (0xFFD9FEF0)
YUV	241.3410, -0.6611, -21.3471
Hunter-Lab	95.8784, -19.2482, 7.7641

Details

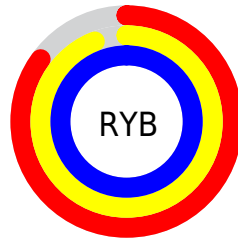
The YUV color **241.3410, -0.6611, -21.3471** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **229.6590, 0.6611, 21.3471**, and the grayscale version is **241.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **185.0530, -0.5191, -20.2175** is the 20% darker color. If you saturate the color by 10%, you get **232.7260, -1.3439, -35.7167**, and if you desaturate by 10%, it is **249.9560, 0.0217, -6.9774**.

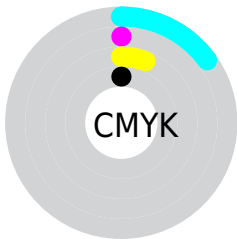
Distribution



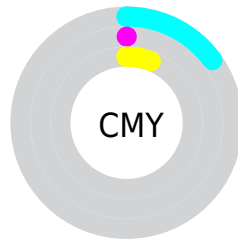
- Red (85%)
- Green (100%)
- Blue (94%)



- Red (85%)
- Yellow (94%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (15%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.3410, -0.6611, -21.3471 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 241.3410, -0.6611, -21.3471 by changing the saturation by 10% instead.


 241.3410, -0.6611,
-21.3471


 241.3410, -0.6611,
-21.3471

255.0000, 0.0000,
0.0000


 212.7540, -0.3717,
-20.8323

 185.0530, -0.5191,
-20.2175

 158.0530, -0.5191,
-20.2175

 131.7650, -0.3771,
-19.0879

 106.7650, -0.3771,
-19.0879

 82.1780, -0.0878,
-18.5731

 58.5910, 0.2016,

-18.0583

■ 36.2920, 0.3490,
-18.6731

■ 17.6730, -0.8248,
-15.4992

■ 241.3410, -0.6611,
-21.3471

■ 241.3410, -0.6611,
-21.3471

■ 232.7260, -1.3439,
-35.7167

■ 249.9560, 0.0217,
-6.9774

■ 223.9260, -1.4425,
-50.8011

254.4130, 0.2894,
0.5148

■ 215.3110, -2.1253,
-65.1707

■ 206.5110, -2.2239,
-80.2551

■ 197.8960, -2.9067,
-94.6248

■ 189.2810, -3.5895,
-108.9944

■ 180.4810, -3.6881,
-124.0788

■ 171.8660, -4.3709,
-138.4485

■ 167.1100, -4.4912,
-146.5555

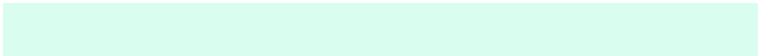
Harmonies

Analogous

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



242.8710, -7.8244, -10.4109



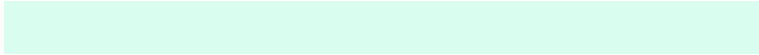
241.3410, -0.6611, -21.3471



240.9580, 6.9227, -27.1502

Triad

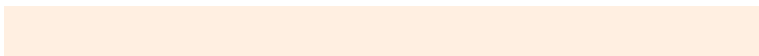
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.3410, -0.6611, -21.3471



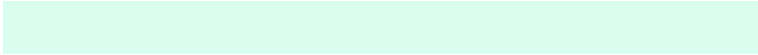
244.6560, 5.0996, -2.3293



242.1880, -8.4737, 11.2361

Complementary

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



241.3410, -0.6611, -21.3471



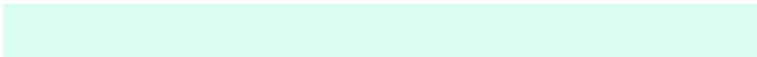
229.6590, 0.6611, 21.3471

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.



241.7950, -2.3639, 11.5808



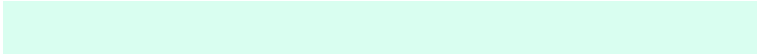
241.3410, -0.6611, -21.3471



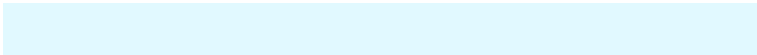
245.6080, 4.6303, 8.2368

Square

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



241.3410, -0.6611, -21.3471



242.5080, 6.1586, -15.3545



243.9780, 3.4618, 9.6663



243.7380, -12.6888, 9.8768

Rectangle

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



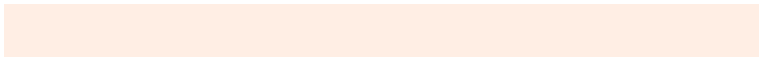
241.3410, -0.6611, -21.3471



240.6700, 7.0647, -26.0206



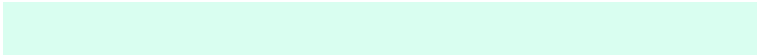
243.9780, 3.4618, 9.6663



241.9430, -6.8739, 11.4510

Sweetspot

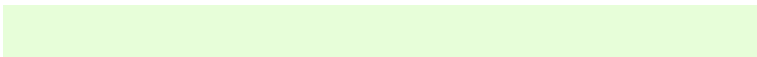
The Sweet Spot groups the original color and five complimentary colors.



241.3410, -0.6611, -21.3471



251.5540, -0.2731, -5.7479



242.9050, -12.7712, -10.4407



125.5650, -0.2785, -4.0035



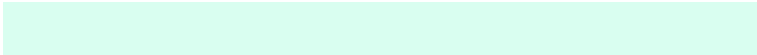
0.0000, 0.0000, 0.0000



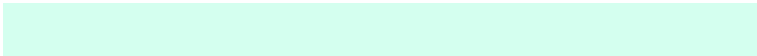
128.0000, 0.0000, 0.0000

Same Dimension

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



241.3410, -0.6611, -21.3471



240.3190, -0.6503, -24.8358



240.5890, 6.6116, -20.6876



123.5430, -0.2677, -7.4922



125.6830, -3.2947, -110.2240



42.1280, -1.0491, -36.9463

Inverse Universe

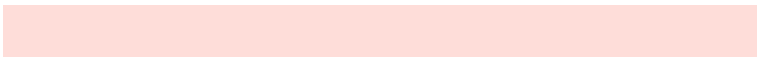
The Inverse Universe completely reimagines the original color for something new.



229.6590, 0.6611, 21.3471



226.6810, 0.6503, 24.8358



230.4110, -6.6116, 20.6876



119.4570, 0.2677, 7.4922



65.3170, 3.2947, 110.2240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 241.3410, -0.6611, -21.3471 looks on a white background.

Color Contrast Check

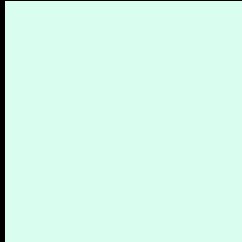
Large Text (above 18pt) WCAG AA × Fail

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 241.3410, -0.6611, -21.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

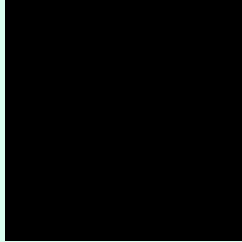
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

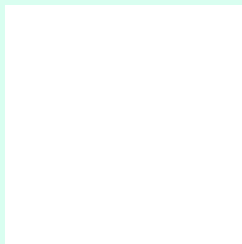
Any Text WCAG AAA ✓ Pass

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

YUV 241.3410, -0.6611, -21.3471 Background



This preview shows how black text looks on a background with the YUV color 241.3410, -0.6611, -21.3471.



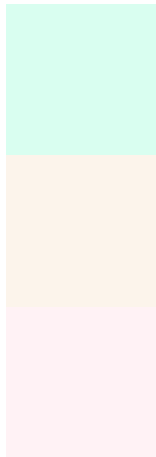
This preview shows how white text looks on a background with the YUV color 241.3410, -0.6611,

-21.3471.

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

241.3410, -0.6611, -21.3471

Protanopia

245.3660, -5.1104, 5.8180

Deuteranopia

246.2290, -0.6059, 7.6922

Tritanopia

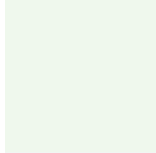
244.9220, 4.9685, -6.9476

Trichromacy



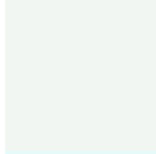
Original Color

241.3410, -0.6611, -21.3471



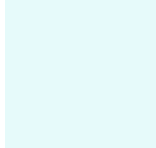
Protanomaly

244.0550, -3.4781, -4.4332



Deuteranomaly

244.1630, -0.5734, -2.7740



Tritanomaly

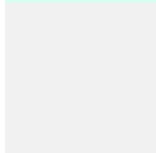
244.0200, 2.9481, -12.2955

Monochromacy



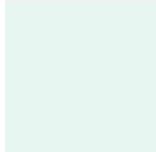
Original Color

241.3410, -0.6611, -21.3471



Achromatopsia

241.0000, 0.0000, 0.0000



Achromatomaly

241.2440, -0.1203, -8.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.3410, -0.6611, -21.3471 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, 254, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 254, 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(217, 254, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 254, 240) }
```

Border

The CSS property to change the border of an element to YUV 241.3410, -0.6611, -21.3471 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, 254, 240) }
```


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

```
.border{ border-color:rgb(217, 254, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 254, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 254, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 254, 240);  
box-shadow:4px 4px 4px 4px rgb(217, 254,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 241.3410, -0.6611, -21.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 254, 240) }
```

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

```
.background{ background-color: rgb(217,  
254, 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](#).

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