

Converting Colors

YUV(241.4210, 4.7224,
-21.4172)

Have a look what the booklet for
YUV(241.4210, 4.7224, -21.4172)
contains.

YUV(241.4210, 4.7224, -21.4172)	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(241.4210, 4.7224,
-21.4172)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FCFB
RGB	217, 252, 251
RGB Percent	85%, 99%, 98%
CMY	0.1490, 0.0118, 0.0157
CMYK	0.14, 0.00, 0.00, 0.01
HSL	178°, 85%, 92%
HSV	178°, 14%, 99%
XYZ	80.8383, 91.3376, 104.6361
YIQ	241.4210, -20.5390, -7.7310

Conversions

Conversions Part 2

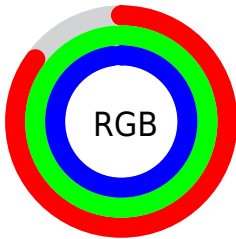
Format	Color
R _Y B	217, 235, 252
Decimal	14286075
CIE Lab	96.55, -11.40, -3.32
CIE LCh	97, 11.868, 196.221
Yxy	91.3376, 0.2920, 0.3300
Android (android.graphics.Color)	4292476155 (0xFFD9FCFB)
YUV	241.4210, 4.7224, -21.4172
Hunter-Lab	95.5707, -16.2648, 1.9855

Details

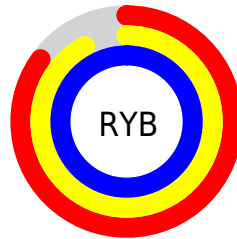
The YUV color $241.4210, 4.7224, -21.4172$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $227.5790, -4.7224, 21.4172$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.1330, 4.8644, -20.2876$ is the 20% darker color. If you saturate the color by 10%, you get $233.8320, 7.9708, -36.6867$, and if you desaturate by 10%, it is $249.0100, 1.4741, -6.1478$.

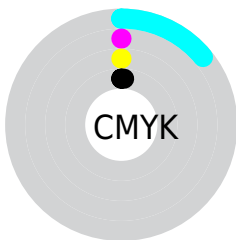
Distribution



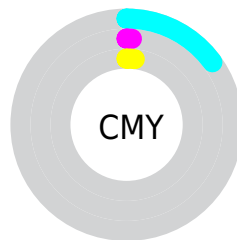
- Red (85%)
- Green (99%)
- Blue (98%)



- Red (85%)
- Yellow (92%)
- Blue (99%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.4210, 4.7224, -21.4172 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 241.4210, 4.7224, -21.4172 by changing the saturation by 10% instead.

■ 241.4210, 4.7224,
-21.4172

■ 241.4210, 4.7224,
-21.4172

255.0000, 0.0000,
0.0000

■ 212.7200, 4.5750,
-20.8024

■ 185.1330, 4.8644,
-20.2876

■ 158.0190, 4.4276,
-20.1877

■ 132.0190, 4.4276,
-20.1877

■ 106.6170, 4.1328,
-18.9581

■ 82.0300, 4.4222,
-18.4433

■ 58.9160, 3.9854,

-18.3433

■ 36.3180, 4.2802,
-19.5729

■ 18.1120, 3.3958,
-15.8842

■ 241.4210, 4.7224,
-21.4172

■ 241.4210, 4.7224,
-21.4172

■ 233.8320, 7.9708,
-36.6867

■ 249.0100, 1.4741,
-6.1478

■ 226.3570, 11.6560,
-52.0561

■ 252.8970, -0.4422,
1.8443

■ 218.4690, 15.0518,
-67.9403

■ 253.0110, -0.0054,
1.7444

■ 210.8800, 18.3002,
-83.2098

■ 253.1250, 0.4314,
1.6444

■ 203.2910, 21.5485,
-98.4792

■ 253.2390, 0.8682,
1.5444

■ 195.8160, 25.2337,
-113.8486

■ 188.2270, 28.4821,
-129.1181

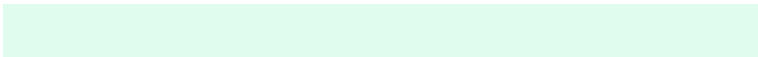
■ 180.3390, 31.8779,
-145.0023

■ 175.8540, 34.0890,
-154.2240

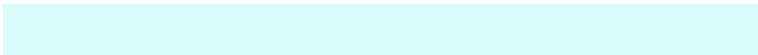
Harmonies

Analogous

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



241.8470, -1.4036, -16.5288



241.4210, 4.7224, -21.4172



241.5890, 6.6116, -20.6876

Triad

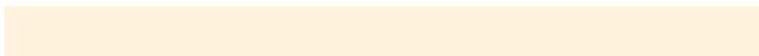
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.4210, 4.7224, -21.4172



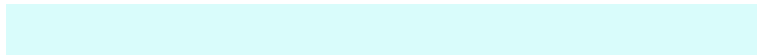
246.1950, 4.3409, 7.7220



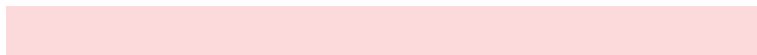
243.7210, -10.2155, 9.8917

Complementary

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



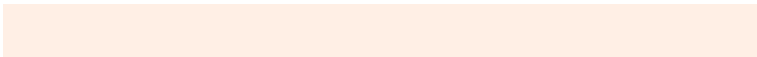
241.4210, 4.7224, -21.4172



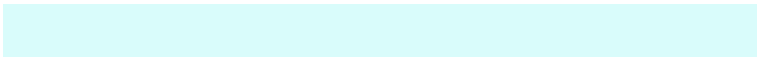
227.5790, -4.7224, 21.4172

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



241.4210, 4.7224, -21.4172



244.5650, 3.1725, 9.1515

Square

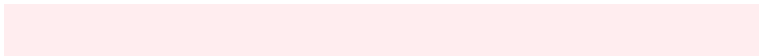
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.4210, 4.7224, -21.4172



244.3570, 5.2470, -2.9441



242.6100, -1.7797, 10.8660



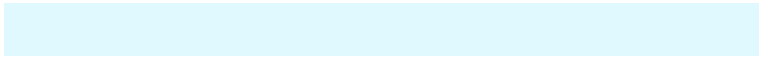
243.9760, -10.3412, 3.5290

Rectangle

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



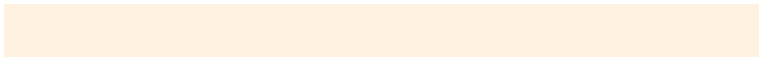
241.4210, 4.7224, -21.4172



242.2090, 6.3060, -15.9693



242.6100, -1.7797, 10.8660



243.2480, -9.4893, 10.3065

Sweetspot

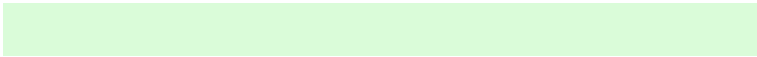
The Sweet Spot groups the original color and five complimentary colors.



241.4210, 4.7224, -21.4172



252.0100, 1.4741, -6.1478



237.8440, -10.2761, -17.4032



125.7930, 0.5951, -4.2035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

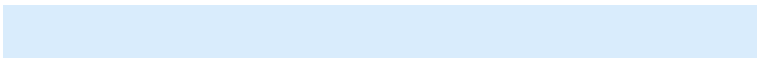
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.4210, 4.7224, -21.4172



242.0290, 5.9017, -26.3354



232.1430, 9.7895, -13.2804



121.1130, 1.9163, -7.9921



131.8050, 25.2391, -115.5930



42.5330, 8.1182, -37.3014

Inverse Universe

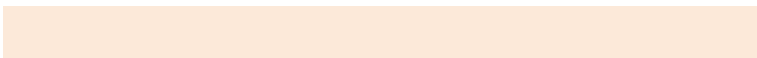
The Inverse Universe completely reimagines the original color for something new.



227.5790, -4.7224, 21.4172



224.9710, -5.9017, 26.3354



236.8570, -9.7895, 13.2804



116.0010, -1.4795, 7.8921



57.0810, -25.6759, 115.6930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 241.4210, 4.7224, -21.4172 looks on a white background.

Color Contrast Check

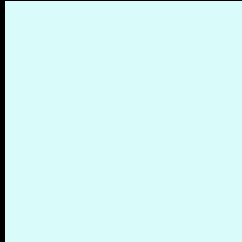
Large Text (above 18pt) WCAG AA × Fail

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 241.4210, 4.7224, -21.4172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

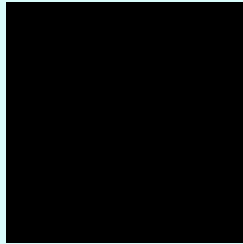
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 241.4210, 4.7224, -21.4172

Background



This preview shows how black text looks on a background with the YUV color 241.4210, 4.7224, -21.4172.



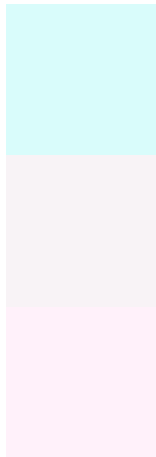
This preview shows how white text looks on a background with the YUV color 241.4210, 4.7224, -21.4172.

-21.4172.

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

241.4210, 4.7224, -21.4172

Protanopia

244.8370, 0.5734, 2.7740

Deuteranopia

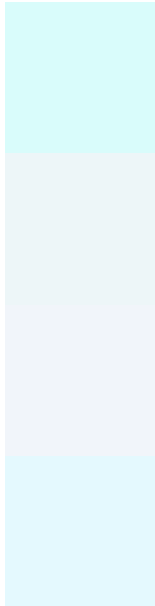
246.2120, 1.8675, 7.7071



Tritanopia

244.3240, 5.2633, -8.1771

Trichromacy



Original Color

241.4210, 4.7224, -21.4172

Protanomaly

243.5370, 2.2003, -5.7329

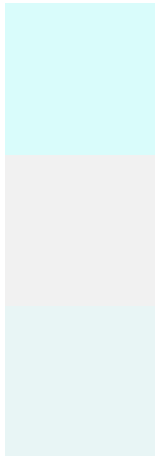
Deuteranomaly

244.3740, 2.7736, -2.9590

Tritanomaly

243.2910, 5.2795, -13.4102

Monochromacy



Original Color

241.4210, 4.7224, -21.4172

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

241.1130, 1.9163, -7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.4210, 4.7224, -21.4172 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, 252, 251)` looks like.

```
.text, #text, p{  
    color:rgb(217, 252, 251)  
}
```

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, 252, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 252, 251) }
```

Border

The CSS property to change the border of an element to YUV 241.4210, 4.7224, -21.4172 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, 252, 251) }
```


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

```
.border{ border-color:rgb(217, 252, 251) }
```

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

Here you see how a box with a 4 pixel rgb(217, 252, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 252, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 252, 251);  
box-shadow:4px 4px 4px 4px rgb(217, 252,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 241.4210, 4.7224, -21.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 252, 251) }
```

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

```
.background{ background-color: rgb(217,  
252, 251) }
```

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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