

Converting Colors

YUV(216.4480, 7.1741,
-14.4249)

Have a look what the booklet for
YUV(216.4480, 7.1741, -14.4249)
contains.

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Color

**YUV(216.4480, 7.1741,
-14.4249)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DEE7
RGB	200, 222, 231
RGB Percent	78%, 87%, 91%
CMY	0.2157, 0.1294, 0.0941
CMYK	0.13, 0.04, 0.00, 0.09
HSL	197°, 39%, 85%
HSV	197°, 13%, 91%
XYZ	64.3645, 70.2914, 85.7765
YIQ	216.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

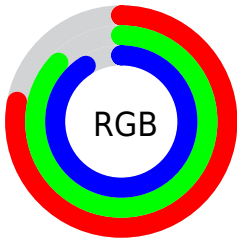
Format	Color
R _Y B	200, 213, 231
Decimal	13164263
CIE Lab	87.14, -5.49, -6.89
CIE LCh	87, 8.808, 231.431
Yxy	70.2914, 0.2920, 0.3189
Android (android.graphics.Color)	4291354343 (0xFFC8DEE7)
YUV	216.4480, 7.1741, -14.4249
Hunter-Lab	83.8400, -9.6844, -1.9715

Details

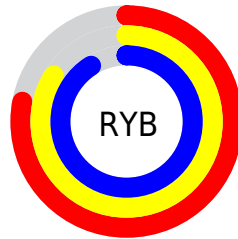
The YUV color $216.4480, 7.1741, -14.4249$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.5520, -7.1741, 14.4249$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.6330, 6.5899, -13.7101$ is the 20% darker color. If you saturate the color by 10%, you get $205.4620, 12.5902, -24.9612$, and if you desaturate by 10%, it is $227.4340, 1.7580, -3.8886$.

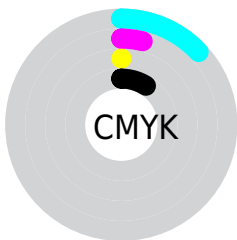
Distribution



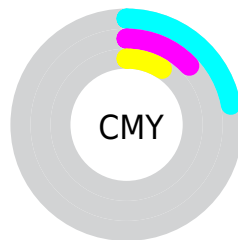
- Red (78%)
- Green (87%)
- Blue (91%)



- Red (78%)
- Yellow (84%)
- Blue (91%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.4480, 7.1741, -14.4249 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 216.4480, 7.1741, -14.4249 by changing the saturation by 10% instead.

■ 216.4480, 7.1741,
-14.4249

■ 216.4480, 7.1741,
-14.4249

255.0000, 0.0000,
0.0000

■ 188.7470, 7.0267,
-13.8101

■ 161.6330, 6.5899,
-13.7101

■ 135.6330, 6.5899,
-13.7101

■ 109.9320, 6.4425,
-13.0954

■ 85.2310, 6.2951,
-12.4806

■ 62.1170, 5.8583,
-12.3806

■ 40.1170, 5.8583,

-12.3806

■ 18.5190, 6.1531,
-13.6102

■ 0.5700, 2.1840,
-0.4999

■ 216.4480, 7.1741,
-14.4249

■ 216.4480, 7.1741,
-14.4249

■ 205.4620, 12.5902,
-24.9612

■ 227.4340, 1.7580,
-3.8886

■ 195.0630, 17.7169,
-36.0123

■ 237.8330, -3.3687,
7.1625

■ 184.0770, 23.1330,
-46.5485

■ 244.6330, -6.7211,
9.0919

■ 173.0910, 28.5491,
-57.0848

■ 248.7420, -8.7468,
5.4883

■ 162.1050, 33.9652,
-67.6211

■ 252.2640,
-10.4832, 2.3995

■ 151.4070, 39.2393,
-79.2869

■ 140.4210, 44.6554,
-89.8232

■ 129.4350, 50.0715,
-100.3595

■ 122.6020, 53.4402,
-107.5220

Harmonies

Analogous

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



215.6390, 4.1220, -15.4694



216.4480, 7.1741, -14.4249



217.8230, 8.4683, -9.4918

Triad

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



216.4480, 7.1741, -14.4249



220.1910, 0.3988, 12.1105



217.7630, -7.2782, 1.0848

Complementary

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



216.4480, 7.1741, -14.4249



214.5520, -7.1741, 14.4249

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.



218.5790, -8.1734, 8.2622



216.4480, 7.1741, -14.4249



220.0620, -3.9746, 14.8546

Square

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



216.4480, 7.1741, -14.4249



219.5970, 4.6357, 6.4924



219.2530, -7.0267, 13.8101



216.5170, -4.1989, -6.5924

Rectangle

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



216.4480, 7.1741, -14.4249



218.7420, 8.0152, -4.1587



219.2530, -7.0267, 13.8101



217.9590, -7.8678, 3.5440

Sweetspot

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



216.4480, 7.1741, -14.4249



250.2490, 2.3422, -4.6034



219.2230, -5.0399, -16.8586



124.7330, 1.6106, -3.2738



0.0000, 0.0000, 0.0000



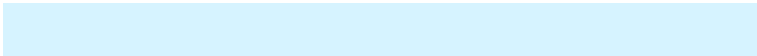
128.0000, 0.0000, 0.0000

Same Dimension

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



216.4480, 7.1741, -14.4249



235.6970, 9.5164, -19.0283



207.6430, 11.5150, -6.7029



109.0640, 2.9264, -5.3181



94.9550, 41.4342, -83.2755



26.9460, 11.8586, -23.6316

Inverse Universe

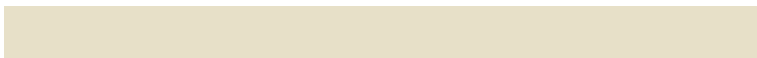
The Inverse Universe completely reimagines the original color for something new.



211.7770, 5.0399, 16.8586



229.5650, 6.6235, 22.3065



223.3570, -11.5150, 6.7029



107.5000, 1.7255, 6.5775



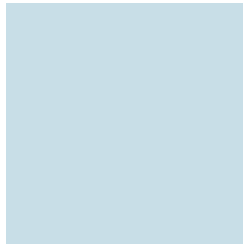
67.9990, 29.0875, 97.3479



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 216.4480, 7.1741, -14.4249 looks on a white background.

Color Contrast Check

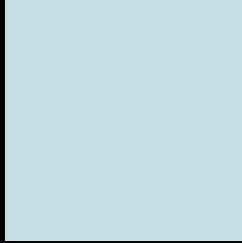
Large Text (above 18pt) WCAG AA × Fail

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 216.4480, 7.1741, -14.4249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

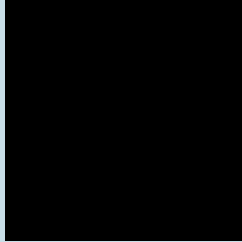
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

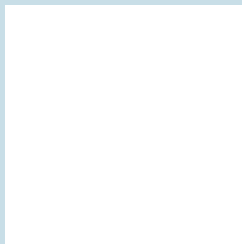
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.4480, 7.1741, -14.4249

Background



This preview shows how black text looks on a background with the YUV color 216.4480, 7.1741, -14.4249.



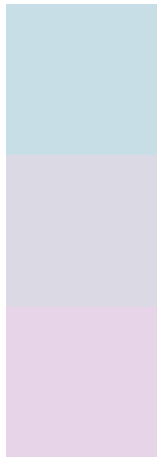
This preview shows how white text looks on a background with the YUV color 216.4480, 7.1741, -14.4249.

-14.4249.

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

216.4480, 7.1741, -14.4249

Protanopia

218.8520, 4.5100, 0.1298

Deuteranopia

220.3740, 6.2246, 10.1960



Tritanopia

216.9580, 10.3737, -13.9952

Trichromacy



Original Color

216.4480, 7.1741, -14.4249

Protanomaly

218.0470, 5.3998, -5.3032

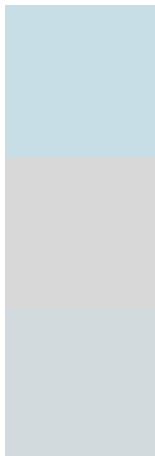
Deuteranomaly

219.0200, 6.3991, 0.8595

Tritanomaly

216.6160, 9.0633, -13.6952

Monochromacy



Original Color

216.4480, 7.1741, -14.4249

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.9500, 2.4897, -5.2181

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.4480, 7.1741, -14.4249 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(200, 222, 231)` looks like.

```
.text, #text, p{  
    color:rgb(200, 222, 231)  
}
```

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(200, 222, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 222, 231) }
```

Border

The CSS property to change the border of an element to YUV 216.4480, 7.1741, -14.4249 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(200, 222, 231) }
```


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

```
.border{ border-color:rgb(200, 222, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 222, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 222, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 222, 231);  
box-shadow:4px 4px 4px 4px rgb(200, 222,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 216.4480, 7.1741, -14.4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 222, 231) }
```

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

```
.background{ background-color: rgb(200,  
222, 231) }
```

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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