

Converting Colors

YUV(214.6760, 8.0477,
-14.6249)

Have a look what the booklet for
YUV(214.6760, 8.0477, -14.6249)
contains.

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Color

**YUV(214.6760, 8.0477,
-14.6249)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DCE7
RGB	198, 220, 231
RGB Percent	78%, 86%, 91%
CMY	0.2235, 0.1373, 0.0941
CMYK	0.14, 0.05, 0.00, 0.09
HSL	200°, 41%, 84%
HSV	200°, 14%, 91%
XYZ	63.3057, 68.9617, 85.5757
YIQ	214.6760, -16.6430, -1.2430

Conversions

Conversions Part 2

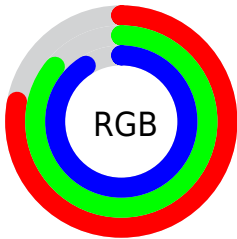
Format	Color
R _{YB}	198, 211, 231
Decimal	13032679
CIE Lab	86.49, -5.09, -7.87
CIE LCh	86, 9.374, 237.104
Yxy	68.9617, 0.2906, 0.3166
Android (android.graphics.Color)	4291222759 (0xFFC6DCE7)
YUV	214.6760, 8.0477, -14.6249
Hunter-Lab	83.0432, -9.2509, -2.9679

Details

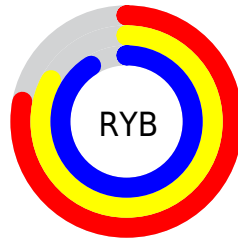
The YUV color $214.6760, 8.0477, -14.6249$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.3240, -8.0477, 14.6249$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $159.8610, 7.4635, -13.9101$ is the 20% darker color. If you saturate the color by 10%, you get $203.1030, 13.7532, -24.6463$, and if you desaturate by 10%, it is $226.2490, 2.3422, -4.6034$.

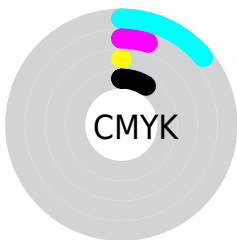
Distribution



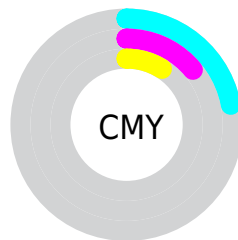
- Red (78%)
- Green (86%)
- Blue (91%)



- Red (78%)
- Yellow (83%)
- Blue (91%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.6760, 8.0477, -14.6249 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 214.6760, 8.0477, -14.6249 by changing the saturation by 10% instead.

■ 214.6760, 8.0477,
-14.6249

■ 214.6760, 8.0477,
-14.6249

255.0000, 0.0000,
0.0000

■ 186.9750, 7.9003,
-14.0101

■ 159.8610, 7.4635,
-13.9101

■ 133.8610, 7.4635,
-13.9101

■ 108.1600, 7.3161,
-13.2953

■ 84.0460, 6.8793,
-13.1953

■ 60.3450, 6.7319,
-12.5806

■ 38.3450, 6.7319,

-12.5806

■ 17.3340, 6.7373,
-14.3249

■ 0.4560, 1.7472,
-0.3999

■ 214.6760, 8.0477,
-14.6249

■ 214.6760, 8.0477,
-14.6249

■ 203.1030, 13.7532,
-24.6463

■ 226.2490, 2.3422,
-4.6034

■ 192.1170, 19.1693,
-35.1826

■ 237.2350, -3.0739,
5.9329

■ 180.5440, 24.8748,
-45.2041

■ 245.2200, -7.0105,
8.5771

■ 168.9710, 30.5803,
-55.2256

■ 249.9160, -9.3256,
4.4587

■ 157.9850, 35.9964,
-65.7618

■ 252.2640,
-10.4832, 2.3995

■ 146.1130, 41.8493,
-76.3981

■ 134.5400, 47.5548,
-86.4196

■ 122.9670, 53.2603,
-96.4411

■ 116.7320, 56.3341,
-102.3740

Harmonies

Analogous

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



214.1550, 4.8536, -16.7989



214.6760, 8.0477, -14.6249



215.6490, 9.0470, -8.4622

Triad

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



214.6760, 8.0477, -14.6249



218.6750, -0.3328, 13.4400



215.1650, -6.9833, -0.1447

Complementary

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



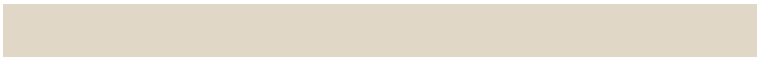
214.6760, 8.0477, -14.6249



214.3240, -8.0477, 14.6249

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.



216.1660, -8.4628, 7.7474



214.6760, 8.0477, -14.6249



218.2470, -4.5588, 15.5694

Square

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



214.6760, 8.0477, -14.6249



218.0810, 3.9041, 7.8220



217.7260, -7.7529, 13.3953



214.6200, -3.7567, -8.4367

Rectangle

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



214.6760, 8.0477, -14.6249



216.7530, 8.0098, -2.4144



217.7260, -7.7529, 13.3953



215.2470, -8.0098, 2.4144

Sweetspot

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



214.6760, 8.0477, -14.6249



250.2490, 2.3422, -4.6034



218.6250, -4.7451, -18.0881



124.1460, 1.9000, -2.7590



0.0000, 0.0000, 0.0000



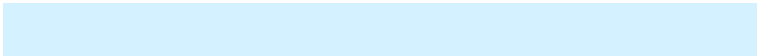
128.0000, 0.0000, 0.0000

Same Dimension

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



214.6760, 8.0477, -14.6249



233.9250, 10.3900, -19.2282



205.2840, 12.6780, -6.3881



109.0640, 2.9264, -5.3181



90.2590, 43.7493, -79.1571



25.7720, 12.4374, -22.6020

Inverse Universe

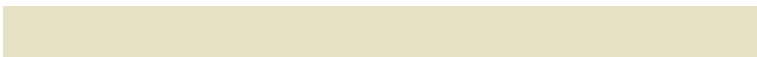
The Inverse Universe completely reimagines the original color for something new.



210.3750, 4.7451, 18.0881



228.1630, 6.3286, 23.5360



224.3030, -12.9674, 5.8733



107.5000, 1.7255, 6.5775



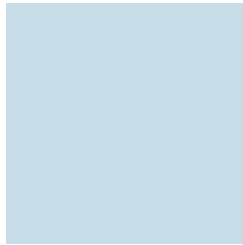
67.0870, 25.5931, 98.1477



19.1250, 7.3334, 27.9544

Previews

White Background



This preview shows how the YUV color 214.6760, 8.0477, -14.6249 looks on a white background.

Color Contrast Check

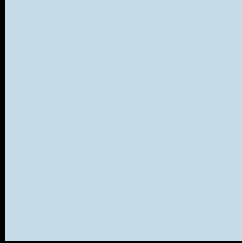
Large Text (above 18pt) WCAG AA × Fail

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 214.6760, 8.0477, -14.6249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

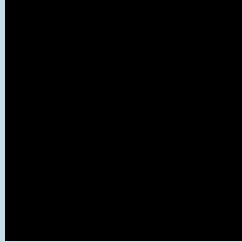
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.6760, 8.0477, -14.6249

Background



This preview shows how black text looks on a background with the YUV color 214.6760, 8.0477, -14.6249.



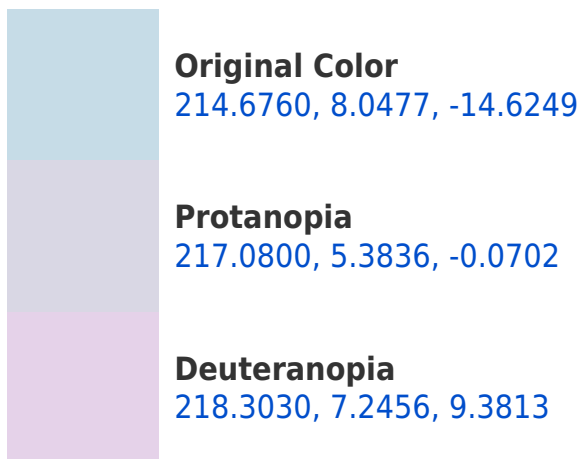
This preview shows how white text looks on a background with the YUV color 214.6760, 8.0477,

-14.6249.

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

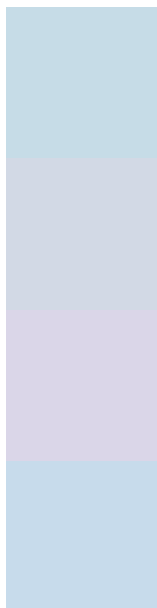




Tritanopia

215.0720, 10.8105, -14.0951

Trichromacy



Original Color

214.6760, 8.0477, -14.6249

Protanomaly

216.2750, 6.2734, -5.5032

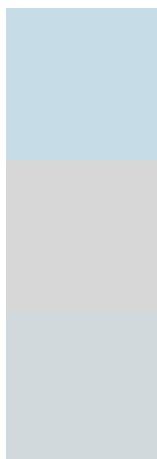
Deuteranomaly

217.2480, 7.2727, 0.6595

Tritanomaly

214.8440, 9.9369, -13.8952

Monochromacy



Original Color

214.6760, 8.0477, -14.6249

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.0640, 2.9264, -5.3181

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.6760, 8.0477, -14.6249 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(198, 220, 231)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 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(198, 220, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 231) }
```

Border

The CSS property to change the border of an element to YUV 214.6760, 8.0477, -14.6249 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(198, 220, 231) }
```


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

```
.border{ border-color:rgb(198, 220, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 220, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 220, 231);  
box-shadow:4px 4px 4px 4px rgb(198, 220,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 214.6760, 8.0477, -14.6249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 231) }
```

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

```
.background{ background-color: rgb(198,  
220, 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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