

Converting Colors

YUV(221.9960, 9.3690,
-18.4135)

Have a look what the booklet for
YUV(221.9960, 9.3690, -18.4135)
contains.

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Color

**YUV(221.9960, 9.3690,
-18.4135)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E5F1
RGB	201, 229, 241
RGB Percent	79%, 90%, 95%
CMY	0.2118, 0.1020, 0.0549
CMYK	0.17, 0.05, 0.00, 0.05
HSL	198°, 59%, 87%
HSV	198°, 17%, 95%
XYZ	67.9839, 74.8070, 94.0752
YIQ	221.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

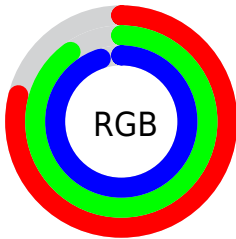
Format	Color
R _Y B	201, 217, 241
Decimal	13231601
CIE Lab	89.30, -6.73, -8.93
CIE LCh	89, 11.186, 232.987
Yxy	74.8070, 0.2870, 0.3158
Android (android.graphics.Color)	4291421681 (0xFFC9E5F1)
YUV	221.9960, 9.3690, -18.4135
Hunter-Lab	86.4910, -11.0543, -3.9452

Details

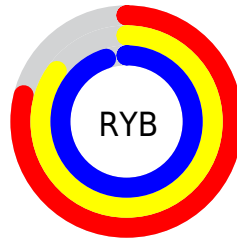
The YUV color $221.9960, 9.3690, -18.4135$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $220.0040, -9.3690, 18.4135$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.1810, 8.7848, -17.6987$ is the 20% darker color. If you saturate the color by 10%, you get $210.7110, 14.9325, -29.5645$, and if you desaturate by 10%, it is $233.2810, 3.8055, -7.2624$.

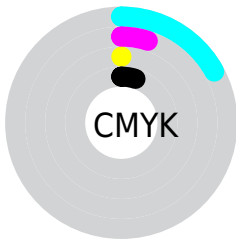
Distribution



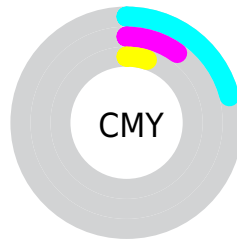
- Red (79%)
- Green (90%)
- Blue (95%)



- Red (79%)
- Yellow (85%)
- Blue (95%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (21%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.9960, 9.3690, -18.4135 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 221.9960, 9.3690, -18.4135 by changing the saturation by 10% instead.

■ 221.9960, 9.3690,
-18.4135

■ 221.9960, 9.3690,
-18.4135

255.0000, 0.0000,
0.0000

■ 193.9960, 9.3690,
-18.4135

■ 167.1810, 8.7848,
-17.6987

■ 140.1810, 8.7848,
-17.6987

■ 114.4800, 8.6374,
-17.0840

■ 89.7790, 8.4900,
-16.4692

■ 66.3660, 8.2006,
-16.9840

■ 43.3660, 8.2006,

-16.9840

■ 21.9530, 7.9112,
-17.4988

■ 2.5250, 7.1362,
-2.2144

■ 221.9960, 9.3690,
-18.4135

■ 221.9960, 9.3690,
-18.4135

■ 210.7110, 14.9325,
-29.5645

■ 233.2810, 3.8055,
-7.2624

■ 199.4260, 20.4960,
-40.7156

■ 244.5660, -1.7580,
3.8886

■ 187.5540, 26.3489,
-51.3519

■ 251.0560, -4.9576,
3.4589

■ 176.2690, 31.9124,
-62.5029

■ 253.4040, -6.1152,
1.3997

■ 164.9840, 37.4759,
-73.6540

■ 153.4000, 43.1868,
-85.4198

■ 141.5280, 49.0397,
-96.0561

■ 130.2430, 54.6032,
-107.2071

■ 126.6770, 56.3612,
-111.0957

Harmonies

Analogous

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



221.2470, 5.3012, -20.3876



221.9960, 9.3690, -18.4135



223.6810, 10.5103, -11.1212

Triad

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



221.9960, 9.3690, -18.4135



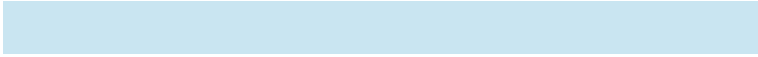
226.5120, 0.2406, 16.2140



223.0080, -8.8779, 0.8700

Complementary

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



221.9960, 9.3690, -18.4135



220.0040, -9.3690, 18.4135

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.



224.6070, -10.6523, 9.9917



221.9960, 9.3690, -18.4135



226.7420, -5.2958, 18.6433

Square

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



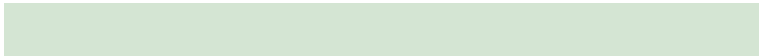
221.9960, 9.3690, -18.4135



226.1350, 5.3564, 8.6516



226.1070, -8.9268, 16.5692



221.8650, -5.3564, -8.6516

Rectangle

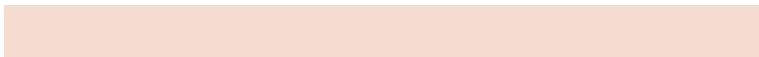
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.9960, 9.3690, -18.4135



224.8990, 9.9098, -5.1734



226.1070, -8.9268, 16.5692



223.5030, -9.6150, 3.9439

Sweetspot

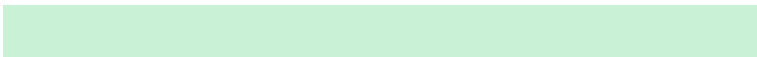
The Sweet Spot groups the original color and five complimentary colors.



221.9960, 9.3690, -18.4135



248.7650, 3.0739, -5.9329



225.8480, -6.3341, -21.7917



123.8470, 2.0474, -3.3738



0.0000, 0.0000, 0.0000



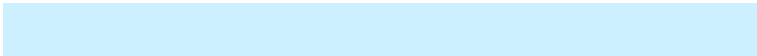
128.0000, 0.0000, 0.0000

Same Dimension

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



221.9960, 9.3690, -18.4135



230.9460, 11.8586, -23.6316



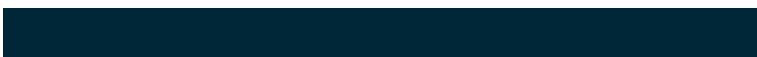
210.2560, 15.1568, -8.1175



114.0640, 2.9264, -5.3181



96.6990, 43.0394, -84.8050



29.2770, 13.1744, -25.6759

Inverse Universe

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



216.1520, 6.3341, 21.7917



223.3530, 8.2070, 27.7544



231.7440, -15.1568, 8.1175



112.5000, 1.7255, 6.5775



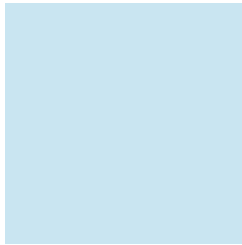
69.7220, 29.2241, 100.2218



21.1900, 8.7803, 30.5284

Previews

White Background



This preview shows how the YUV color 221.9960, 9.3690, -18.4135 looks on a white background.

Color Contrast Check

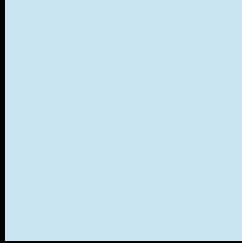
Large Text (above 18pt) WCAG AA × Fail

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 221.9960, 9.3690, -18.4135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

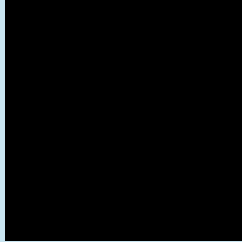
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.9960, 9.3690, -18.4135

Background



This preview shows how black text looks on a background with the YUV color 221.9960, 9.3690, -18.4135.



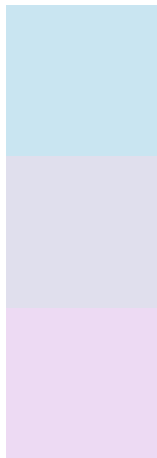
This preview shows how white text looks on a background with the YUV color 221.9960, 9.3690,

-18.4135.

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

221.9960, 9.3690, -18.4135

Protanopia

224.8950, 5.9678, -0.7849

Deuteranopia

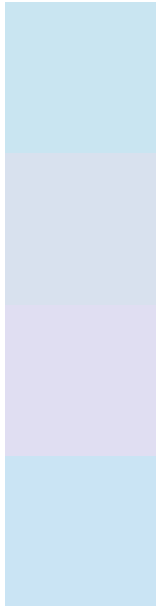
226.5310, 8.1192, 9.1813



Tritanopia

222.2780, 11.6949, -17.7838

Trichromacy



Original Color

221.9960, 9.3690, -18.4135

Protanomaly

223.7910, 7.0050, -6.8327

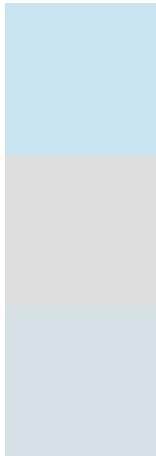
Deuteranomaly

224.8780, 8.4411, -0.7700

Tritanomaly

222.0500, 10.8214, -17.5838

Monochromacy



Original Color

221.9960, 9.3690, -18.4135

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.1670, 3.3687, -7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.9960, 9.3690, -18.4135 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(201, 229, 241)` looks like.

```
.text, #text, p{  
    color:rgb(201, 229, 241)  
}
```

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(201, 229, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 229, 241) }
```

Border

The CSS property to change the border of an element to YUV 221.9960, 9.3690, -18.4135 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(201, 229, 241) }
```


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

```
.border{ border-color:rgb(201, 229, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 229, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 229, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 229, 241);  
box-shadow:4px 4px 4px 4px rgb(201, 229,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 221.9960, 9.3690, -18.4135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 229, 241) }
```

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

```
.background{ background-color: rgb(201,  
229, 241) }
```

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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