

Converting Colors

YUV(221.8990, 9.9098, -5.1734)

Have a look what the booklet for
YUV(221.8990, 9.9098, -5.1734)
contains.

YUV(221.8990, 9.9098, -5.1734)	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(221.8990, 9.9098,
-5.1734)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DDF2
RGB	216, 221, 242
RGB Percent	85%, 87%, 95%
CMY	0.1529, 0.1333, 0.0510
CMYK	0.11, 0.09, 0.00, 0.05
HSL	228°, 50%, 90%
HSV	228°, 11%, 95%
XYZ	70.2024, 72.7226, 94.3412
YIQ	221.8990, -9.7210, 5.4710

Conversions

Conversions Part 2

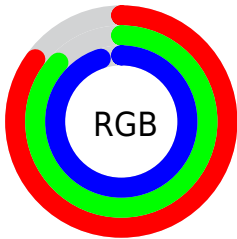
Format	Color
R _{YB}	216, 220, 242
Decimal	14212594
CIE _{Lab}	88.32, 2.33, -10.81
CIE _{LCh}	88, 11.063, 282.176
Yxy	72.7226, 0.2959, 0.3065
Android (android.graphics.Color)	4292402674 (0xFFD8DDF2)
YUV	221.8990, 9.9098, -5.1734
Hunter-Lab	85.2776, -2.2906, -5.8973

Details

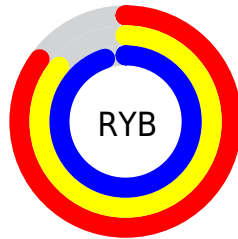
The YUV color `221.8990, 9.9098, -5.1734` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `236.1010, -9.9098, 5.1734`, and the grayscale version is `222.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `166.7850, 9.4730, -5.0734` is the 20% darker color. If you saturate the color by 10%, you get `202.9830, 19.2354, -9.6321`, and if you desaturate by 10%, it is `240.8150, 0.5842, -0.7148`.

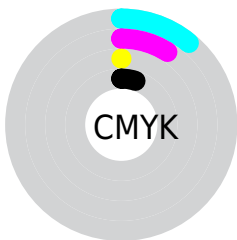
Distribution



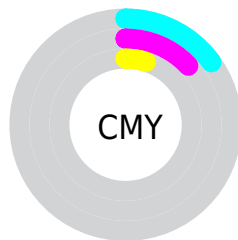
- Red (85%)
- Green (87%)
- Blue (95%)



- Red (85%)
- Yellow (86%)
- Blue (95%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.8990, 9.9098, -5.1734 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 221.8990, 9.9098, -5.1734 by changing the saturation by 10% instead.

■ 221.8990, 9.9098,
-5.1734

■ 221.8990, 9.9098,
-5.1734

255.0000, 0.0000,
0.0000

■ 193.8990, 9.9098,
-5.1734

■ 166.7850, 9.4730,
-5.0734

■ 140.6710, 9.0362,
-4.9735

■ 114.6710, 9.0362,
-4.9735

■ 90.5570, 8.5994,
-4.8735

■ 66.4430, 8.1626,
-4.7735

■ 44.3290, 7.7258,

-4.6735

■ 23.8020, 6.9996,
-5.0884

■ 2.6390, 7.5730,
-2.3144

■ 221.8990, 9.9098,
-5.1734

■ 221.8990, 9.9098,
-5.1734

■ 202.9830, 19.2354,
-9.6321

■ 240.8150, 0.5842,
-0.7148

■ 184.6540, 28.2716,
-14.6056

■ 253.5180, -5.6784,
1.2997

■ 165.4390, 37.7446,
-19.6790

■ 147.1100, 46.7808,
-24.6525

■ 128.1940, 56.1064,
-29.1111

■ 109.8650, 65.1426,
-34.0846

■ 90.9490, 74.4681,
-38.5433

■ 72.3210, 83.6517,
-44.1315

■ 55.1770, 92.1037,
-48.3902

Harmonies

Analogous

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



219.9580, 10.3737, -13.9952



221.8990, 9.9098, -5.1734



223.4550, 6.6777, 4.8630

Triad

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



221.8990, 9.9098, -5.1734



223.1610, -7.4744, 17.3988



218.4560, -1.7038, -13.5549

Complementary

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



221.8990, 9.9098, -5.1734



236.1010, -9.9098, 5.1734

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.



219.5450, -6.6777, -4.8630



221.8990, 9.9098, -5.1734



222.4440, -10.0789, 12.7656

Square

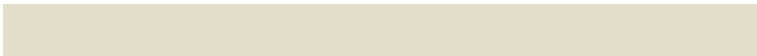
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.8990, 9.9098, -5.1734



224.0130, -2.9644, 17.5286



220.8020, -9.7624, 4.5586



218.2040, 3.8434, -19.4729

Rectangle

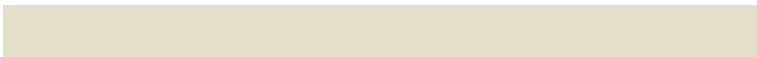
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.8990, 9.9098, -5.1734



223.8040, 4.0406, 10.6959



220.8020, -9.7624, 4.5586



218.8970, -3.8932, -11.3107

Sweetspot

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



221.8990, 9.9098, -5.1734



249.0860, 2.9156, -1.8294



233.6560, 1.6486, -15.4843



123.2710, 2.3314, -1.1147



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.



221.8990, 9.9098, -5.1734



229.2840, 12.6780, -6.3881



221.3560, 10.1775, 2.3188



110.5420, 4.6628, -2.2293



41.5210, 70.2421, -36.4139



12.8410, 21.2774, -11.2616

Inverse Universe

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



224.3440, -1.6486, 15.4843



232.5510, -2.2436, 19.6878



236.6440, -10.1775, -2.3188



111.8160, -0.8953, 7.1774



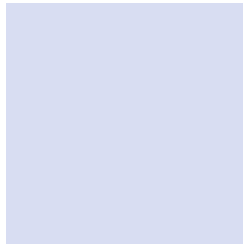
59.0060, -11.8350, 109.6197



17.9980, -3.4500, 33.3278

Previews

White Background



This preview shows how the YUV color 221.8990, 9.9098, -5.1734 looks on a white background.

Color Contrast Check

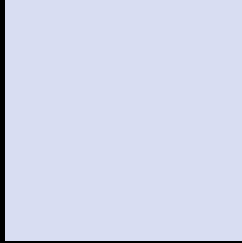
Large Text (above 18pt) WCAG AA × Fail

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 221.8990, 9.9098, -5.1734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

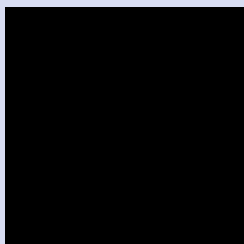
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.8990, 9.9098, -5.1734

Background



This preview shows how black text looks on a background with the YUV color 221.8990, 9.9098, -5.1734.



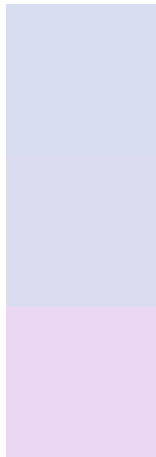
This preview shows how white text looks on a background with the YUV color 221.8990, 9.9098,

-5.1734.

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

221.8990, 9.9098, -5.1734

Protanopia

222.3940, 9.1728, -2.0995

Deuteranopia

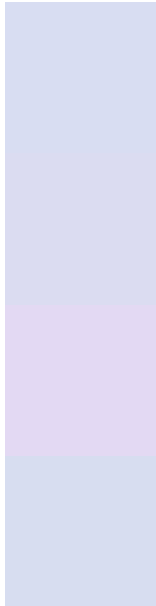
223.5740, 9.5770, 8.2666



Tritanopia

221.2580, 8.7468, -5.4883

Trichromacy



Original Color

221.8990, 9.9098, -5.1734

Protanomaly

222.0950, 9.3202, -2.7143

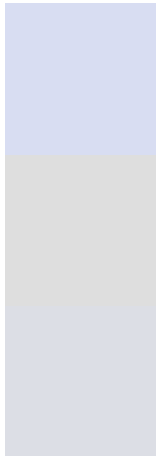
Deuteranomaly

222.9540, 9.8827, 3.5483

Tritanomaly

221.3720, 9.1836, -5.5882

Monochromacy



Original Color

221.8990, 9.9098, -5.1734

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.2000, 3.3524, -1.9294

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.8990, 9.9098, -5.1734 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(216, 221, 242)` looks like.

```
.text, #text, p{  
    color:rgb(216, 221, 242)  
}
```

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(216, 221, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 221, 242) }
```

Border

The CSS property to change the border of an element to YUV 221.8990, 9.9098, -5.1734 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(216, 221, 242) }
```


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

```
.border{ border-color:rgb(216, 221, 242) }
```

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

Here you see how a box with a 4 pixel rgb(216, 221, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 221, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 221, 242);  
box-shadow:4px 4px 4px 4px rgb(216, 221,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 221.8990, 9.9098, -5.1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 221, 242) }
```

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

```
.background{ background-color: rgb(216,  
221, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor