

# Converting Colors

YUV(220.0080, 7.8841, -8.7770)

Have a look what the booklet for  
YUV(220.0080, 7.8841, -8.7770)  
contains.

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# Color

**YUV(220.0080, 7.8841,  
-8.7770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2DEEC
RGB	210, 222, 236
RGB Percent	82%, 87%, 93%
CMY	0.1765, 0.1294, 0.0745
CMYK	0.11, 0.06, 0.00, 0.07
HSL	212°, 41%, 87%
HSV	212°, 11%, 93%
XYZ	67.8399, 72.0003, 89.6788
YIQ	220.0080, -11.6460, 1.8100

# Conversions

## Conversions Part 2

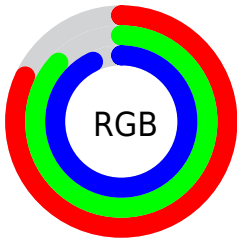
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 218, 236
Decimal	13819628
CIE Lab	87.97, -1.30, -8.22
CIE LCh	88, 8.319, 261.004
Yxy	72.0003, 0.2956, 0.3137
Android (android.graphics.Color)	4292009708 (0xFFD2DEEC)
YUV	220.0080, 7.8841, -8.7770
Hunter-Lab	84.8530, -5.7821, -3.2649

# Details

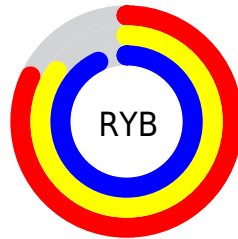
The YUV color  $220.0080, 7.8841, -8.7770$  is a light color, and the websafe version is hex  $CCCCCC$ . A complement of this color would be  $225.9920, -7.8841, 8.7770$ , and the grayscale version is  $220.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $164.8940, 7.4473, -8.6770$  is the 20% darker color. If you saturate the color by 10%, you get  $205.2010, 15.1839, -16.8393$ , and if you desaturate by 10%, it is  $234.8150, 0.5842, -0.7148$ .

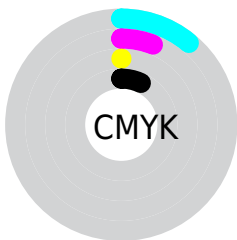
# Distribution



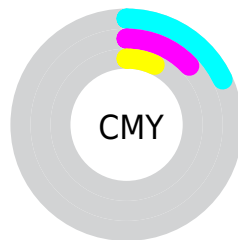
- Red (82%)
- Green (87%)
- Blue (93%)



- Red (82%)
- Yellow (85%)
- Blue (93%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (13%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 220.0080, 7.8841, -8.7770 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 220.0080, 7.8841, -8.7770 by changing the saturation by 10% instead.



■ 220.0080, 7.8841,  
-8.7770

■ 220.0080, 7.8841,  
-8.7770

255.0000, 0.0000,  
0.0000

■ 192.0080, 7.8841,  
-8.7770

■ 164.8940, 7.4473,  
-8.6770

■ 138.7800, 7.0105,  
-8.5771

■ 113.0790, 6.8631,  
-7.9623

■ 88.9650, 6.4263,  
-7.8623

■ 65.2640, 6.2788,  
-7.2475

■ 43.2640, 6.2788,

-7.2475

■ 22.1500, 5.8420,  
-7.1476

■ 1.2540, 4.8048,  
-1.0998

■ 220.0080, 7.8841,  
-8.7770

■ 220.0080, 7.8841,  
-8.7770

■ 205.2010, 15.1839,  
-16.8393

■ 234.8150, 0.5842,  
-0.7148

■ 191.2800, 22.0470,  
-24.8016

■ 248.1380, -5.9840,  
6.0180

■ 176.4730, 29.3468,  
-32.8638

■ 252.8340, -8.2992,  
1.8996

■ 161.9650, 36.4993,  
-40.3113

■ 147.1580, 43.7991,  
-48.3736

■ 132.9380, 50.8096,  
-56.9506

■ 118.4300, 57.9620,  
-64.3981

■ 103.6230, 65.2619,  
-72.4604

■ 90.8870, 71.5407,  
-79.7079

# Harmonies

## Analogous

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



218.7470, 7.0267, -13.8101



220.0080, 7.8841, -8.7770



220.8240, 6.9888, -1.5996

# Triad

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



220.0080, 7.8841, -8.7770



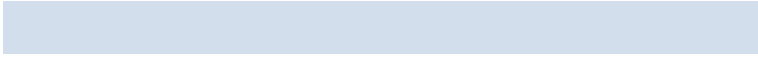
222.4640, -3.6798, 13.6251



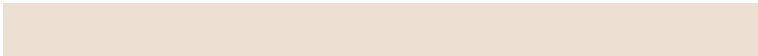
218.8160, -4.3463, -5.9776

# Complementary

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



220.0080, 7.8841, -8.7770



225.9920, -7.8841, 8.7770

# 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.



219.8770, -6.8414, 0.9849



220.0080, 7.8841, -8.7770



221.7690, -6.2951, 12.4806

# Square

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



220.0080, 7.8841, -8.7770



222.7780, 0.1094, 11.5957



220.6930, -7.7366, 8.1622



218.2220, -0.1094, -11.5957



# Rectangle

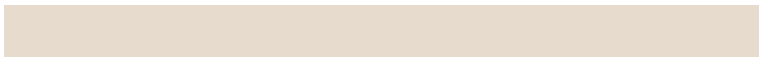
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.0080, 7.8841, -8.7770



222.1020, 5.3727, 3.4185



220.6930, -7.7366, 8.1622



219.0120, -4.9359, -3.5185

# Sweetspot

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



220.0080, 7.8841, -8.7770



250.2600, 2.3368, -2.8590



226.8580, -1.4090, -14.7845



124.4450, 1.7526, -2.1443



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

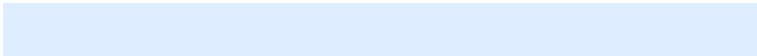


# Same Dimension

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



220.0080, 7.8841, -8.7770



234.5670, 10.0735, -11.0213



213.2630, 11.2093, -1.9847



110.1890, 3.3578, -3.6738



69.9420, 54.7516, -61.3391



20.8310, 16.3523, -18.2688



# Inverse Universe

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



219.1420, 1.4090, 14.7845



233.5770, 1.6875, 18.7880



232.7370, -11.2093, 1.9847



109.8590, 0.5625, 6.2627



63.6950, 10.0104, 102.8765

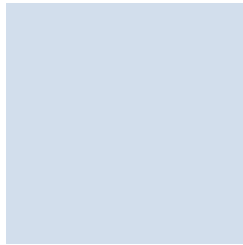


18.9960, 2.9600, 30.6985



# Previews

## White Background



This preview shows how the YUV color 220.0080, 7.8841, -8.7770 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

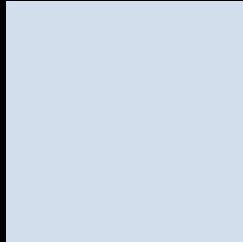
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 220.0080, 7.8841, -8.7770 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

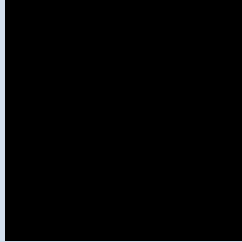
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

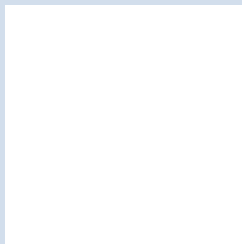
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 220.0080, 7.8841, -8.7770

## Background



This preview shows how black text looks on a background with the YUV color 220.0080, 7.8841, -8.7770.



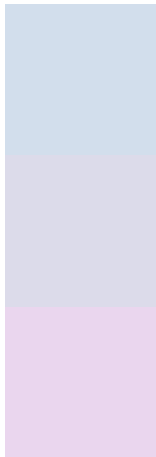
This preview shows how white text looks on a background with the YUV color 220.0080, 7.8841, -8.7770.

-8.7770.

# 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

220.0080, 7.8841, -8.7770

### Protanopia

221.0090, 6.4046, -0.8849

### Deuteranopia

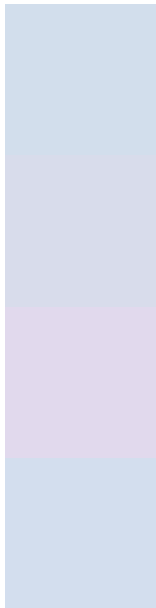
222.7160, 7.5350, 9.8961



## Tritanopia

220.6490, 9.0470, -8.4622

# Trichromacy



## Original Color

220.0080, 7.8841, -8.7770

## Protanomaly

220.5140, 7.1416, -3.9588

## Deuteranomaly

221.6720, 7.5567, 2.9187

## Tritanomaly

220.5350, 8.6102, -8.3622

# Monochromacy



## Original Color

220.0080, 7.8841, -8.7770

## Achromatopsia

220.0000, 0.0000, 0.0000

## Achromatomaly

220.0750, 2.9210, -3.5738

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 220.0080, 7.8841, -8.7770 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(210, 222, 236)` looks like.

```
.text, #text, p{  
    color:rgb(210, 222, 236)  
}
```

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(210, 222, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 222, 236) }
```

## Border

The CSS property to change the border of an element to YUV 220.0080, 7.8841, -8.7770 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(210, 222, 236) }
```



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

```
.border{ border-color:rgb(210, 222, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 222, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 222, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 222, 236);  
box-shadow:4px 4px 4px 4px rgb(210, 222,  
236) }
```

# Background

The CSS property to change the background color of an element to YUV 220.0080, 7.8841, -8.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 222, 236) }
```

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

```
.background{ background-color: rgb(210,  
222, 236) }
```

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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