

# Converting Colors

YUV(218.1160, 7.3378,  
-20.2727)

Have a look what the booklet for  
YUV(218.1160, 7.3378, -20.2727)  
contains.

<b>YUV(218.1160, 7.3378, -20.2727)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(218.1160, 7.3378,  
-20.2727)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3E3E9
RGB	195, 227, 233
RGB Percent	76%, 89%, 91%
CMY	0.2353, 0.1098, 0.0863
CMYK	0.16, 0.03, 0.00, 0.09
HSL	189°, 46%, 84%
HSV	189°, 16%, 91%
XYZ	64.6827, 72.4235, 87.6608
YIQ	218.1160, -20.9980, -4.9180

# Conversions

## Conversions Part 2

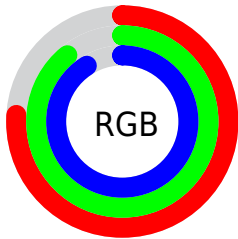
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 212, 233
Decimal	12837865
CIELab	88.17, -9.22, -6.45
CIELCh	88, 11.251, 214.976
Yxy	72.4235, 0.2878, 0.3222
Android (android.graphics.Color)	4291027945 (0xFFC3E3E9)
YUV	218.1160, 7.3378, -20.2727
Hunter-Lab	85.1020, -13.2575, -1.5013

# Details

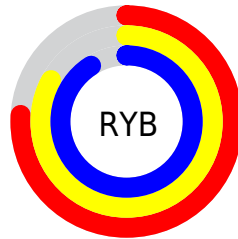
The YUV color  $218.1160, 7.3378, -20.2727$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $209.8840, -7.3378, 20.2727$ , and the grayscale version is  $218.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.1030, 0.4422, -1.8443$ , and  $163.3010, 6.7536, -19.5580$  is the 20% darker color. If you saturate the color by 10%, you get  $208.8910, 11.8857, -32.3534$ , and if you desaturate by 10%, it is  $227.3410, 2.7899, -8.1921$ .

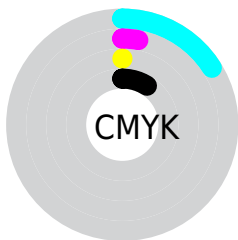
# Distribution



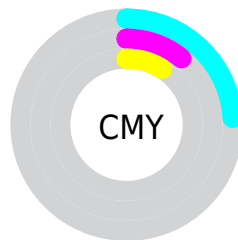
- Red (76%)
- Green (89%)
- Blue (91%)



- Red (76%)
- Yellow (83%)
- Blue (91%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (11%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.1160, 7.3378, -20.2727 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 218.1160, 7.3378, -20.2727 by changing the saturation by 10% instead.



■ 218.1160, 7.3378,  
-20.2727

■ 218.1160, 7.3378,  
-20.2727

255.0000, 0.0000,  
0.0000

■ 190.4150, 7.1904,  
-19.6580

■ 254.1030, 0.4422,  
-1.8443

■ 163.3010, 6.7536,  
-19.5580

■ 136.7140, 7.0430,  
-19.0432

■ 111.0130, 6.8956,  
-18.4284

■ 86.8990, 6.4588,  
-18.3284

■ 62.8990, 6.4588,  
-18.3284

■ 40.4860, 6.1694,

-18.8432

■ 20.0840, 5.8746,  
-17.6137

■ 0.9120, 3.4944,  
-0.7998

■ 218.1160, 7.3378,  
-20.2727

■ 218.1160, 7.3378,  
-20.2727

■ 208.8910, 11.8857,  
-32.3534

■ 227.3410, 2.7899,  
-8.1921

■ 199.9540, 16.2917,  
-45.5637

■ 236.2780, -1.6161,  
5.0182

■ 190.7290, 20.8396,  
-57.6443

■ 242.5130, -4.6899,  
10.9511

■ 181.5040, 25.3875,  
-69.7250

■ 244.8610, -5.8475,  
8.8919

■ 172.8660, 29.6461,  
-82.3205

■ 246.6220, -6.7156,  
7.3475

■ 163.3420, 34.3414,  
-95.0159

■ 248.9700, -7.8732,  
5.2883

■ 154.1170, 38.8893,  
-107.0966

■ 251.3180, -9.0308,  
3.2291

■ 145.4790, 43.1479,  
-119.6921

■ 252.4920, -9.6096,  
2.1995

■ 141.6140, 45.0533,  
-124.1955

# Harmonies

## Analogous

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



217.8620, 2.5330, -19.1730



218.1160, 7.3378, -20.2727



219.5340, 10.0897, -16.2543

# Triad

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



218.1160, 7.3378, -20.2727



223.2880, 3.3090, 12.0254



220.6990, -10.2046, 6.4030

# Complementary

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



218.1160, 7.3378, -20.2727



209.8840, -7.3378, 20.2727

# 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.



222.4550, -10.0843, 14.5100



218.1160, 7.3378, -20.2727



223.6540, -1.8014, 17.8434

# Square

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



218.1160, 7.3378, -20.2727



222.7860, 7.9935, 2.8187



222.9870, -6.8956, 18.4284



219.3280, -7.5567, -2.9187



# Rectangle

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



218.1160, 7.3378, -20.2727



220.6810, 10.5103, -11.1212



222.9870, -6.8956, 18.4284



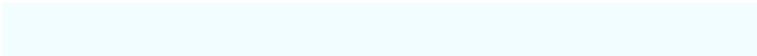
221.3080, -10.5048, 9.3769

# Sweetspot

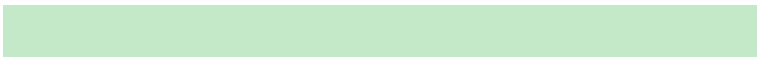
The Sweet Spot groups the original color and five complimentary colors.



218.1160, 7.3378, -20.2727



249.9390, 2.4951, -6.9625



217.9900, -8.3761, -20.1622



124.4340, 1.7580, -3.8886



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

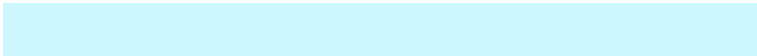


# Same Dimension

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



218.1160, 7.3378, -20.2727



235.0550, 9.8329, -27.2352



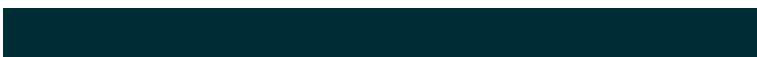
206.9630, 12.8362, -10.4916



112.5370, 2.2003, -5.7329



109.8580, 35.0730, -96.3455



32.5710, 10.5645, -28.5648



# Inverse Universe

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



210.0100, 8.3761, 20.1622



224.1510, 11.2646, 27.0546



221.0370, -12.8362, 10.4916



110.3150, 2.3097, 5.8627



71.4470, 39.7126, 96.0780

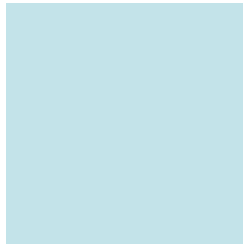


21.2760, 11.6959, 28.6989



# Previews

## White Background



This preview shows how the YUV color 218.1160, 7.3378, -20.2727 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

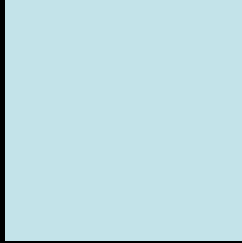
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 218.1160, 7.3378, -20.2727 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 218.1160, 7.3378, -20.2727

## Background



This preview shows how black text looks on a background with the YUV color 218.1160, 7.3378, -20.2727.



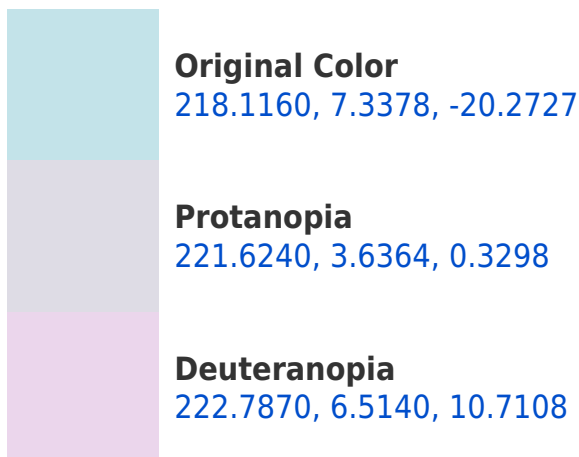
This preview shows how white text looks on a background with the YUV color 218.1160, 7.3378, -20.2727.

-20.2727.

# 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

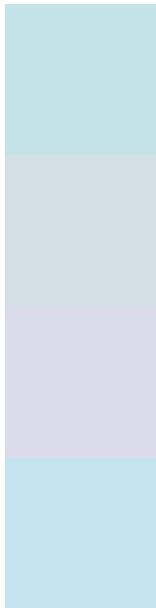




## Tritanopia

218.6800, 11.9898, -19.0134

# Trichromacy



## Original Color

218.1160, 7.3378, -20.2727

## Protanomaly

220.5090, 4.6791, -7.4624

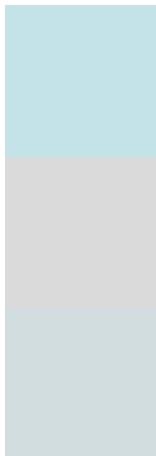
## Deuteranomaly

221.1230, 6.8414, -0.9849

## Tritanomaly

218.5120, 10.1006, -19.7430

# Monochromacy



## Original Color

218.1160, 7.3378, -20.2727

## Achromatopsia

218.0000, 0.0000, 0.0000

## Achromatomaly

217.9390, 2.4951, -6.9625

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.1160, 7.3378, -20.2727 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(195, 227, 233)` looks like.

```
.text, #text, p{  
    color:rgb(195, 227, 233)  
}
```

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(195, 227, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 227, 233) }
```

## Border

The CSS property to change the border of an element to YUV 218.1160, 7.3378, -20.2727 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(195, 227, 233) }
```



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

```
.border{ border-color:rgb(195, 227, 233) }
```

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

Here you see how a box with a 4 pixel rgb(195, 227, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 227, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 227, 233);  
box-shadow:4px 4px 4px 4px rgb(195, 227,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 218.1160, 7.3378, -20.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 227, 233) }
```

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

```
.background{ background-color: rgb(195,  
227, 233) }
```

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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