

# Converting Colors

YUV(196.2110, 16.6580,  
-22.9870)

Have a look what the booklet for  
YUV(196.2110, 16.6580, -22.9870)  
contains.

<b>YUV(196.2110, 16.6580, -22.9870)</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(196.2110, 16.6580,  
-22.9870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AACBE6
RGB	170, 203, 230
RGB Percent	67%, 80%, 90%
CMY	0.3333, 0.2039, 0.0980
CMYK	0.26, 0.12, 0.00, 0.10
HSL	207°, 55%, 78%
HSV	207°, 26%, 90%
XYZ	52.2164, 56.9711, 83.1073
YIQ	196.2110, -28.3350, 1.4010

# Conversions

## Conversions Part 2

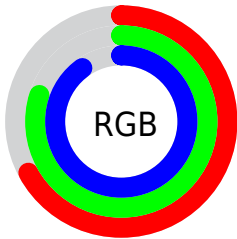
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 191, 230
Decimal	11193318
CIELab	80.16, -4.99, -16.98
CIElCh	80, 17.697, 253.617
Yxy	56.9711, 0.2715, 0.2963
Android (android.graphics.Color)	4289383398 (0xFFAACBE6)
YUV	196.2110, 16.6580, -22.9870
Hunter-Lab	75.4792, -8.6025, -12.4466

# Details

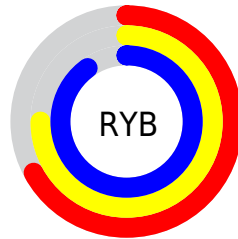
The YUV color **196.2110, 16.6580, -22.9870** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **203.7890, -16.6580, 22.9870**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.3290, 4.2748, -17.8285**, and **141.9830, 15.7844, -22.7871** is the 20% darker color. If you saturate the color by 10%, you get **183.4640, 22.9422, -31.9789**, and if you desaturate by 10%, it is **208.9580, 10.3737, -13.9952**.

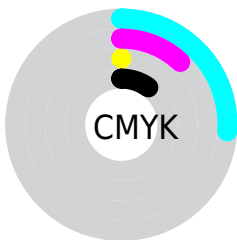
# Distribution



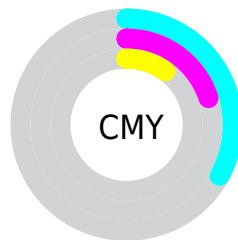
- Red (67%)
- Green (80%)
- Blue (90%)



- Red (67%)
- Yellow (75%)
- Blue (90%)



- Cyan (26%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (33%)
- Magenta (20%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 196.2110, 16.6580, -22.9870 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 196.2110, 16.6580, -22.9870 by changing the saturation by 10% instead.



■ 196.2110, 16.6580,  
-22.9870

■ 196.2110, 16.6580,  
-22.9870

255.0000, 0.0000,  
0.0000

■ 169.0970, 16.2212,  
-22.8871

■ 246.3290, 4.2748,  
-17.8285

■ 141.9830, 15.7844,  
-22.7871

■ 116.2820, 15.6370,  
-22.1723

■ 91.1680, 15.2002,  
-22.0723

■ 67.3420, 14.6214,  
-23.1019

■ 42.7330, 14.9216,  
-26.0758

■ 24.0110, 13.3056,

-21.0576

■ 5.1810, 12.2358,  
-4.5437

■ 0.0000, 0.0000,  
0.0000

■ 196.2110, 16.6580,  
-22.9870

■ 196.2110, 16.6580,  
-22.9870

■ 183.4640, 22.9422,  
-31.9789

■ 208.9580, 10.3737,  
-13.9952

■ 170.1300, 29.5159,  
-40.4560

■ 222.2920, 3.8000,  
-5.5181

■ 157.3830, 35.8002,  
-49.4479

■ 235.0390, -2.4842,  
3.4738

■ 144.6360, 42.0845,  
-58.4398

■ 245.6930, -7.7366,  
8.1622

■ 131.3020, 48.6581,  
-66.9169

■ 252.1500,  
-10.9200, 2.4994

■ 118.5550, 54.9424,  
-75.9087

■ 105.8080, 61.2267,  
-84.9006

■ 100.7690, 63.7109,  
-88.3744

# Harmonies

## Analogous

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



193.6460, 13.4855, -32.1385



196.2110, 16.6580, -22.9870



199.3700, 15.5936, -8.2175

# Triad

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



196.2110, 16.6580, -22.9870



201.6230, -4.7441, 28.3946



195.6000, -10.1558, -9.2962

# Complementary

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



196.2110, 16.6580, -22.9870



203.7890, -16.6580, 22.9870

# 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.



197.4340, -15.0040, 5.7584



196.2110, 16.6580, -22.9870



200.7770, -11.7221, 26.5056

# Square

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



196.2110, 16.6580, -22.9870



202.0550, 3.4239, 21.8768



199.6960, -15.6261, 18.6836



193.8740, -2.4029, -22.6915



# Rectangle

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



196.2110, 16.6580, -22.9870



200.6380, 12.5035, 2.9485



199.6960, -15.6261, 18.6836



195.7640, -12.2087, -4.1780

# Sweetspot

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



196.2110, 16.6580, -22.9870



243.7370, 5.5527, -7.6623



208.2980, -5.5699, -33.5873



120.5910, 3.6526, -4.9033



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

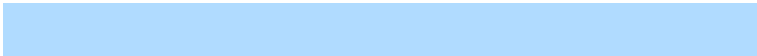


# Same Dimension

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



196.2110, 16.6580, -22.9870



210.2470, 22.0632, -30.0346



178.6010, 25.3397, -7.5431



108.4770, 3.2158, -4.8033



77.9320, 49.8265, -68.3464



22.2500, 14.1738, -19.5132



# Inverse Universe

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



191.7020, 5.5699, 33.5873



204.5230, 7.1372, 44.2683



221.3990, -25.3397, 7.5431



107.3860, 1.2887, 6.6775



64.6930, 16.4204, 100.2472

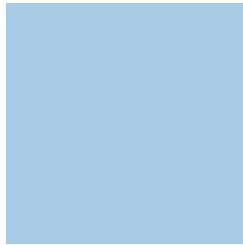


18.4410, 4.7126, 28.5542



# Previews

## White Background



This preview shows how the YUV color 196.2110, 16.6580, -22.9870 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

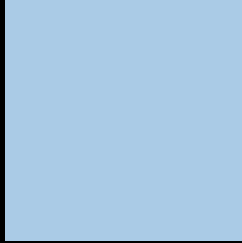
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 196.2110, 16.6580, -22.9870 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

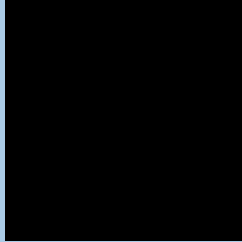
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

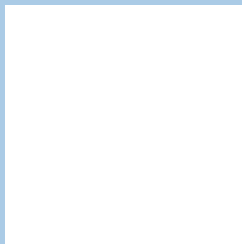
Any Text WCAG AAA ✓ Pass

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

# YUV 196.2110, 16.6580, -22.9870 Background



This preview shows how black text looks on a background with the YUV color 196.2110, 16.6580, -22.9870.



This preview shows how white text looks on a background with the YUV color 196.2110, 16.6580, -22.9870.

-22.9870.

# 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

196.2110, 16.6580, -22.9870

### Protanopia

199.4090, 13.1094, -4.7437

### Deuteranopia

200.4250, 15.5665, 0.5043



## Tritanopia

195.7610, 12.4428, -24.3464

# Trichromacy



## Original Color

196.2110, 16.6580, -22.9870

## Protanomaly

198.0060, 14.2940, -11.4063

## Deuteranomaly

198.7830, 15.8830, -7.7027

## Tritanomaly

195.8150, 13.8952, -23.5168

# Monochromacy



## Original Color

196.2110, 16.6580, -22.9870

## Achromatopsia

196.0000, 0.0000, 0.0000

## Achromatomaly

196.4380, 5.7001, -8.2771

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 196.2110, 16.6580, -22.9870 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(170, 203, 230)` looks like.

```
.text, #text, p{  
    color:rgb(170, 203, 230)  
}
```

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(170, 203, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 203, 230) }
```

## Border

The CSS property to change the border of an element to YUV 196.2110, 16.6580, -22.9870 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(170, 203, 230) }
```



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

```
.border{ border-color:rgb(170, 203, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 203, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 203, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 203, 230);  
box-shadow:4px 4px 4px 4px rgb(170, 203,  
230) }
```

# Background

The CSS property to change the background color of an element to YUV 196.2110, 16.6580, -22.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 203, 230) }
```

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

```
.background{ background-color: rgb(170,  
203, 230) }
```

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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