

Converting Colors

YUV(193.6860, 9.5218,
-20.7726)

Have a look what the booklet for
YUV(193.6860, 9.5218, -20.7726)
contains.

YUV(193.6860, 9.5218, -20.7726)	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(193.6860, 9.5218,
-20.7726)**

Conversions

Conversions Part 1

Format	Color
Hex	AACAD5
RGB	170, 202, 213
RGB Percent	67%, 79%, 84%
CMY	0.3333, 0.2078, 0.1647
CMYK	0.20, 0.05, 0.00, 0.16
HSL	195°, 34%, 75%
HSV	195°, 20%, 84%
XYZ	49.7083, 55.5912, 71.0611
YIQ	193.6860, -22.6030, -3.3630

Conversions

Conversions Part 2

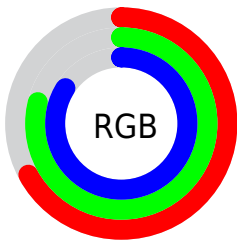
Format	Color
R _{YB}	170, 188, 213
Decimal	11193045
CIE Lab	79.38, -8.28, -9.03
CIE LCh	79, 12.255, 227.481
Yxy	55.5912, 0.2819, 0.3152
Android (android.graphics.Color)	4289383125 (0xFFAACAD5)
YUV	193.6860, 9.5218, -20.7726
Hunter-Lab	74.5595, -11.4744, -4.3164

Details

The YUV color $193.6860, 9.5218, -20.7726$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $189.3140, -9.5218, 20.7726$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3290, 4.2748, -17.8285$, and $139.8710, 8.9376, -20.0579$ is the 20% darker color. If you saturate the color by 10%, you get $184.4720, 14.0643, -31.1089$, and if you desaturate by 10%, it is $202.9000, 4.9793, -10.4363$.

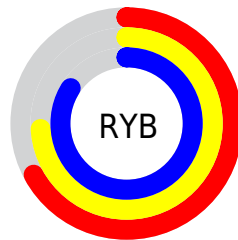
Distribution



Red (67%)

Green (79%)

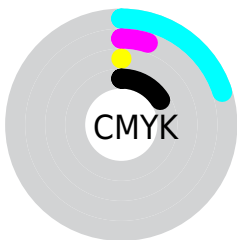
Blue (84%)



Red (67%)

Yellow (74%)

Blue (84%)

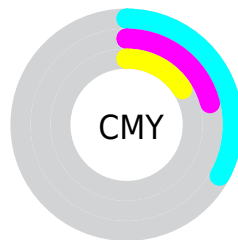


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (16%)



Cyan (33%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6860, 9.5218, -20.7726 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 193.6860, 9.5218, -20.7726 by changing the saturation by 10% instead.

■ 193.6860, 9.5218,
-20.7726

■ 193.6860, 9.5218,
-20.7726

255.0000, 0.0000,
0.0000

■ 166.5720, 9.0850,
-20.6726

■ 246.3290, 4.2748,
-17.8285

■ 139.8710, 8.9376,
-20.0579

■ 114.1700, 8.7902,
-19.4431

■ 89.1700, 8.7902,
-19.4431

■ 66.0560, 8.3534,
-19.3431

■ 42.7570, 8.5008,
-19.9579

■ 21.9420, 7.9166,

-19.2431

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 193.6860, 9.5218,
-20.7726

■ 193.6860, 9.5218,
-20.7726

■ 184.4720, 14.0643,
-31.1089

■ 202.9000, 4.9793,
-10.4363

■ 174.3720, 19.0436,
-41.5452

■ 213.0000, 0.0000,
0.0000

■ 165.1580, 23.5861,
-51.8816

■ 222.2140, -4.5425,
10.3363

■ 155.3570, 28.4180,
-61.7031

■ 232.0150, -9.3744,
20.1578

■ 145.8440, 33.1079,
-72.6542

■ 234.9500,
-10.8214, 17.5838

■ 136.0430, 37.9398,
-82.4757

■ 238.4720,
-12.5577, 14.4951

■ 126.8290, 42.4823,
-92.8120

■ 241.4070,
-14.0047, 11.9211

■ 117.6150, 47.0248,
-103.1484

■ 244.9290,
-15.7410, 8.8323

■ 247.8640,
-17.1880, 6.2583

Harmonies

Analogous

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



192.5350, 5.1592, -21.5172



193.6860, 9.5218, -20.7726



195.3000, 11.6841, -14.2951

Triad

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



193.6860, 9.5218, -20.7726



198.8540, 1.5510, 15.9140



195.6770, -10.1938, 2.9143

Complementary

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



193.6860, 9.5218, -20.7726



189.3140, -9.5218, 20.7726

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.



196.9170, -10.8051, 12.3508



193.6860, 9.5218, -20.7726



198.6820, -4.2802, 19.5729

Square

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



193.6860, 9.5218, -20.7726



198.7650, 6.5249, 7.2221



198.1180, -8.9322, 18.3135



194.2350, -6.5249, -7.2221

Rectangle

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



193.6860, 9.5218, -20.7726



196.8170, 10.9362, -7.7325



198.1180, -8.9322, 18.3135



196.1720, -10.9308, 5.9882

Sweetspot

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



193.6860, 9.5218, -20.7726



248.1670, 3.3687, -7.1625



196.4950, -7.6390, -23.2361



123.5480, 2.1948, -3.9886



0.0000, 0.0000, 0.0000



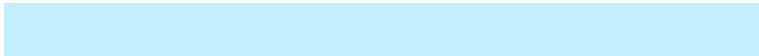
128.0000, 0.0000, 0.0000

Same Dimension

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



193.6860, 9.5218, -20.7726



227.3690, 13.6221, -29.2646



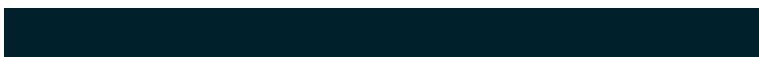
181.3590, 15.5990, -9.9618



101.9500, 2.4897, -5.2181



94.0430, 37.9398, -82.4757



23.6860, 9.5218, -20.7726

Inverse Universe

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



186.5050, 7.6390, 23.2361



217.3690, 10.6641, 33.0024



201.6410, -15.5990, 9.9618



100.2010, 1.8729, 5.9627



65.6070, 30.2667, 92.4297



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 193.6860, 9.5218, -20.7726 looks on a white background.

Color Contrast Check

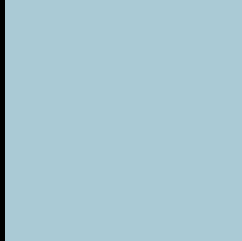
Large Text (above 18pt) WCAG AA × Fail

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 193.6860, 9.5218, -20.7726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

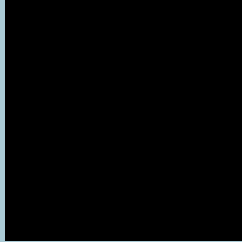
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.6860, 9.5218, -20.7726

Background



This preview shows how black text looks on a background with the YUV color 193.6860, 9.5218, -20.7726.



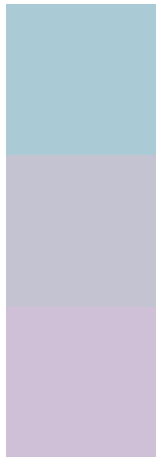
This preview shows how white text looks on a background with the YUV color 193.6860, 9.5218,

-20.7726.

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

193.6860, 9.5218, -20.7726

Protanopia

196.8950, 5.9678, -0.7849

Deuteranopia

198.5200, 8.1246, 7.4370



Tritanopia

193.8540, 11.4110, -20.0430

Trichromacy



Original Color

193.6860, 9.5218, -20.7726

Protanomaly

196.0790, 6.8631, -7.9623

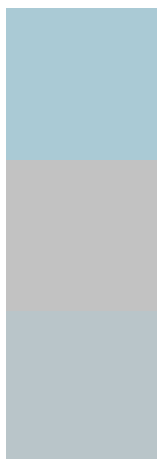
Deuteranomaly

196.8670, 8.4466, -2.5144

Tritanomaly

193.7400, 10.9742, -19.9430

Monochromacy



Original Color

193.6860, 9.5218, -20.7726

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.8680, 3.5161, -7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6860, 9.5218, -20.7726 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, 202, 213)` looks like.

```
.text, #text, p{  
    color:rgb(170, 202, 213)  
}
```

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, 202, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 202, 213) }
```

Border

The CSS property to change the border of an element to YUV 193.6860, 9.5218, -20.7726 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, 202, 213) }
```


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

```
.border{ border-color:rgb(170, 202, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 202, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 202, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 202, 213);  
box-shadow:4px 4px 4px 4px rgb(170, 202,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 193.6860, 9.5218, -20.7726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 202, 213) }
```

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

```
.background{ background-color: rgb(170,  
202, 213) }
```

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