

Converting Colors

YUV(191.3610, 5.7380,
-20.4876)

Have a look what the booklet for
YUV(191.3610, 5.7380, -20.4876)
contains.

YUV(191.3610, 5.7380, -20.4876)	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(191.3610, 5.7380,
-20.4876)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C9CB
RGB	168, 201, 203
RGB Percent	66%, 79%, 80%
CMY	0.3412, 0.2118, 0.2039
CMYK	0.17, 0.01, 0.00, 0.20
HSL	183°, 25%, 73%
HSV	183°, 17%, 80%
XYZ	47.8146, 54.4099, 64.4820
YIQ	191.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

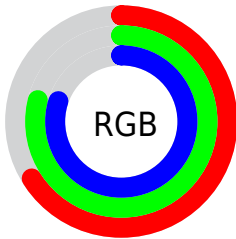
Format	Color
RYB	168, 185, 203
Decimal	11061707
CIELab	78.70, -10.53, -4.68
CIElCh	79, 11.523, 203.948
Yxy	54.4099, 0.2868, 0.3264
Android (android.graphics.Color)	4289251787 (0xFFA8C9CB)
YUV	191.3610, 5.7380, -20.4876
Hunter-Lab	73.7631, -13.3784, -0.1958

Details

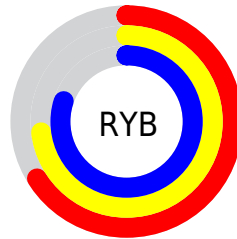
The YUV color **191.3610, 5.7380, -20.4876** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **179.6390, -5.7380, 20.4876**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, 4.5696, -19.0581**, and **137.6600, 5.5906, -19.8728** is the 20% darker color. If you saturate the color by 10%, you get **184.7940, 8.9756, -32.2683**, and if you desaturate by 10%, it is **197.9280, 2.5005, -8.7069**.

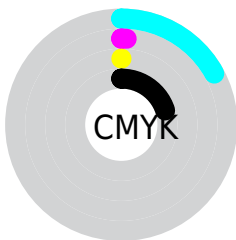
Distribution



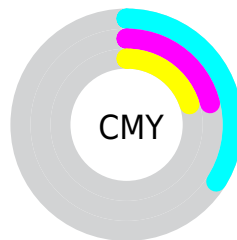
- Red (66%)
- Green (79%)
- Blue (80%)



- Red (66%)
- Yellow (73%)
- Blue (80%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (34%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.3610, 5.7380, -20.4876 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 191.3610, 5.7380, -20.4876 by changing the saturation by 10% instead.

■ 191.3610, 5.7380,
-20.4876

■ 191.3610, 5.7380,
-20.4876

255.0000, 0.0000,
0.0000

■ 164.3610, 5.7380,
-20.4876

■ 245.7310, 4.5696,
-19.0581

■ 137.6600, 5.5906,
-19.8728

■ 254.1030, 0.4422,
-1.8443

■ 111.9590, 5.4432,
-19.2580

■ 87.2580, 5.2958,
-18.6433

■ 64.2580, 5.2958,
-18.6433

■ 41.2580, 5.2958,
-18.6433

■ 20.5570, 5.1484,

-18.0285

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 191.3610, 5.7380,
-20.4876

■ 191.3610, 5.7380,
-20.4876

■ 184.7940, 8.9756,
-32.2683

■ 197.9280, 2.5005,
-8.7069

■ 177.9280, 12.3605,
-44.6639

■ 204.7940, -0.8844,
3.6887

■ 171.3610, 15.5980,
-56.4446

■ 211.3610, -4.1220,
15.4694

■ 164.2070, 19.1249,
-67.7105

■ 218.5150, -7.6489,
26.7353

■ 157.6400, 22.3625,
-79.4913

■ 220.8960, -8.8227,
29.9092

■ 150.7740, 25.7474,
-91.8868

■ 221.4830, -9.1121,
29.3944

■ 144.2070, 28.9849,
-103.6675

■ 222.0700, -9.4015,
28.8796

■ 137.6400, 32.2225,
-115.4483

■ 222.6570, -9.6909,
28.3648

■ 135.2590, 33.3963,
-118.6221

■ 223.2440, -9.9803,
27.8500

Harmonies

Analogous

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



191.3030, 0.3436, -16.9287



191.3610, 5.7380, -20.4876



192.1100, 9.8058, -18.5135

Triad

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



191.3610, 5.7380, -20.4876



197.0210, 4.9196, 8.7516



194.7210, -10.2155, 9.8917

Complementary

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



191.3610, 5.7380, -20.4876



179.6390, -5.7380, 20.4876

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.



196.1070, -8.9268, 16.5692



191.3610, 5.7380, -20.4876



197.0990, -0.0488, 15.6992

Square

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



191.3610, 5.7380, -20.4876



195.6930, 9.0254, -1.4848



196.8560, -4.8590, 18.5433



193.5950, -9.1673, 0.3552

Rectangle

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



191.3610, 5.7380, -20.4876



193.0720, 10.8105, -14.0951



196.8560, -4.8590, 18.5433



195.0310, -10.3683, 12.2508

Sweetspot

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



191.3610, 5.7380, -20.4876



250.5260, 2.2057, -7.4773



188.7730, -9.2551, -18.2179



125.0210, 1.4686, -4.4034



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.



191.3610, 5.7380, -20.4876



237.0930, 8.8282, -31.6536



181.3820, 10.6577, -11.7360



98.4230, 1.7635, -5.6330



110.4960, 27.3635, -96.9050



25.4640, 6.1802, -22.3319

Inverse Universe

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



182.2270, 9.2551, 18.2179



222.9600, 14.3167, 28.0991



189.6180, -10.6577, 11.7360



96.0160, 2.4571, 5.2480



67.4180, 43.6709, 86.4564



15.4660, 10.1233, 19.7623

Previews

White Background



This preview shows how the YUV color 191.3610, 5.7380, -20.4876 looks on a white background.

Color Contrast Check

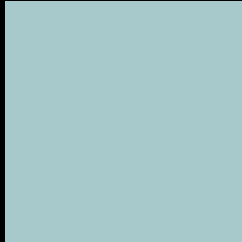
Large Text (above 18pt) WCAG AA × Fail

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 191.3610, 5.7380, -20.4876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

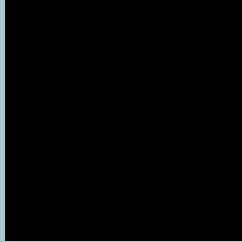
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.3610, 5.7380, -20.4876

Background



This preview shows how black text looks on a background with the YUV color 191.3610, 5.7380, -20.4876.

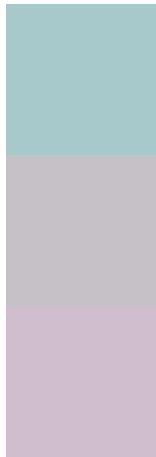


This preview shows how white text looks on a background with the YUV color 191.3610, 5.7380, -20.4876.

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

191.3610, 5.7380, -20.4876

Protanopia

194.7660, 1.5944, 1.9592

Deuteranopia

196.6190, 4.6248, 9.9811



Tritanopia

192.1530, 11.2636, -19.4282

Trichromacy



Original Color

191.3610, 5.7380, -20.4876

Protanomaly

193.4660, 3.2213, -6.5477

Deuteranomaly

194.3680, 5.2416, -1.1997

Tritanomaly

191.9850, 9.3744, -20.1578

Monochromacy



Original Color

191.3610, 5.7380, -20.4876

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.4120, 1.7689, -7.3773

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.3610, 5.7380, -20.4876 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(168, 201, 203)` looks like.

```
.text, #text, p{  
    color:rgb(168, 201, 203)  
}
```

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(168, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 201, 203) }
```

Border

The CSS property to change the border of an element to YUV 191.3610, 5.7380, -20.4876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

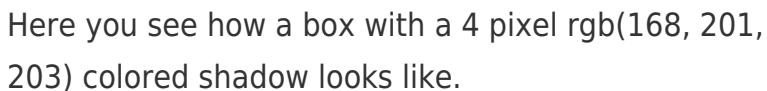
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 201, 203) }
```


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

```
.border{ border-color:rgb(168, 201, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 201, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(168, 201,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 191.3610, 5.7380, -20.4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 201, 203) }
```

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

```
.background{ background-color: rgb(168,  
201, 203) }
```

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