

Converting Colors

YUV(175.9310, 7.9220,
-20.9875)

Have a look what the booklet for
YUV(175.9310, 7.9220, -20.9875)
contains.

YUV(175.9310, 7.9220, -20.9875)	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(175.9310, 7.9220,
-20.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	98B9C0
RGB	152, 185, 192
RGB Percent	60%, 73%, 75%
CMY	0.4039, 0.2745, 0.2471
CMYK	0.21, 0.04, 0.00, 0.25
HSL	190°, 24%, 67%
HSV	190°, 21%, 75%
XYZ	39.8123, 45.1791, 56.4913
YIQ	175.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

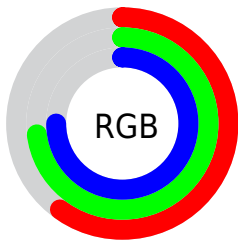
Format	Color
RYB	152, 170, 192
Decimal	10009024
CIELab	73.01, -9.56, -7.24
CIELCh	73, 11.990, 217.163
Yxy	45.1791, 0.2814, 0.3193
Android (android.graphics.Color)	4288199104 (0xFF98B9C0)
YUV	175.9310, 7.9220, -20.9875
Hunter-Lab	67.2154, -11.8998, -2.7796

Details

The YUV color $175.9310, 7.9220, -20.9875$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $168.0690, -7.9220, 20.9875$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.6320, 8.0694, -21.6023$, and $123.2300, 7.7746, -20.3727$ is the 20% darker color. If you saturate the color by 10%, you get $168.4890, 11.5909, -31.1239$, and if you desaturate by 10%, it is $183.3730, 4.2531, -10.8511$.

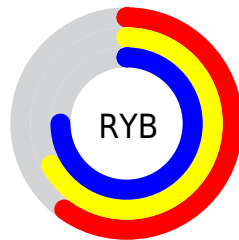
Distribution



Red (60%)

Green (73%)

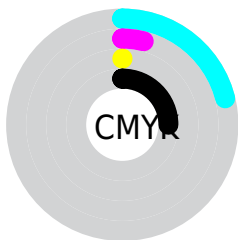
Blue (75%)



Red (60%)

Yellow (67%)

Blue (75%)

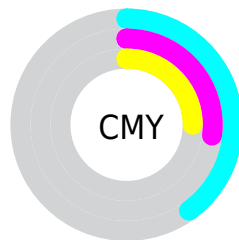


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (40%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.9310, 7.9220, -20.9875 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 175.9310, 7.9220, -20.9875 by changing the saturation by 10% instead.

■ 175.9310, 7.9220,
-20.9875

■ 175.9310, 7.9220,
-20.9875

255.0000, 0.0000,
0.0000

■ 149.2300, 7.7746,
-20.3727

■ 231.6320, 8.0694,
-21.6023

■ 123.2300, 7.7746,
-20.3727

■ 249.0200, 2.9481,
-12.2955

■ 98.1160, 7.3378,
-20.2727

■ 73.8280, 7.4798,
-19.1432

■ 50.4150, 7.1904,
-19.6580

■ 28.4040, 7.1958,
-21.4023

■ 12.6010, 5.1267,

-11.0511

■ 0.0000, 0.0000,
0.0000

■ 175.9310, 7.9220,
-20.9875

■ 175.9310, 7.9220,
-20.9875

■ 168.4890, 11.5909,
-31.1239

■ 183.3730, 4.2531,
-10.8511

■ 160.4600, 15.5492,
-40.7454

■ 191.4020, 0.2948,
-1.2296

■ 152.7190, 19.3655,
-51.4966

■ 199.1430, -3.5215,
9.5216

■ 145.2770, 23.0344,
-61.6329

■ 206.5850, -7.1904,
19.6580

■ 137.2480, 26.9927,
-71.2545

■ 214.6140,
-11.1487, 29.2795

■ 129.8060, 30.6616,
-81.3909

■ 218.4680,
-13.0487, 32.0386

■ 121.7770, 34.6199,
-91.0124

■ 220.8160,
-14.2063, 29.9794

■ 114.6340, 38.1414,
-100.5340

■ 222.5770,
-15.0745, 28.4350

■ 224.3380,
-15.9426, 26.8906

Harmonies

Analogous

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



175.5630, 2.6804, -19.7878



175.9310, 7.9220, -20.9875



177.6480, 10.5265, -16.3543

Triad

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



175.9310, 7.9220, -20.9875



181.5870, 3.1616, 12.6402



178.6990, -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.



175.9310, 7.9220, -20.9875



168.0690, -7.9220, 20.9875

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.



180.0420, -10.3737, 13.9952



175.9310, 7.9220, -20.9875



181.5400, -2.2382, 17.9434

Square

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



175.9310, 7.9220, -20.9875



181.0850, 7.8461, 3.4335



180.8730, -7.3324, 18.5284



177.6160, -7.6987, -4.0482

Rectangle

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



175.9310, 7.9220, -20.9875



178.2080, 11.2365, -10.7064



180.8730, -7.3324, 18.5284



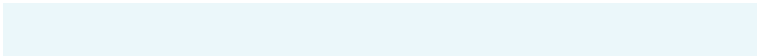
178.8950, -10.7942, 8.8621

Sweetspot

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



175.9310, 7.9220, -20.9875



243.7540, 3.0793, -7.6773



176.2780, -8.5181, -21.2918



121.1350, 1.9054, -4.5034



252.0000, 0.0000, 0.0000



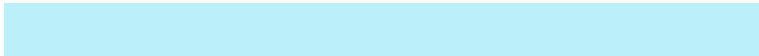
125.0000, 0.0000, 0.0000

Same Dimension

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



175.9310, 7.9220, -20.9875



224.7060, 12.4699, -33.0682



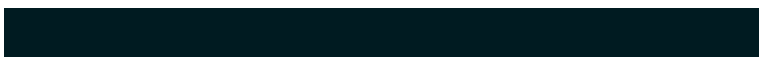
164.1910, 13.7098, -10.6915



92.8360, 2.0529, -5.1182



96.4250, 31.8355, -84.5647



19.6110, 6.6008, -17.1988

Inverse Universe

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



167.7220, 8.5181, 21.2918



211.7650, 13.4269, 33.5321



179.8090, -13.7098, 10.6915



90.9020, 2.0203, 5.3479



63.3010, 34.3616, 85.6820



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 175.9310, 7.9220, -20.9875 looks on a white background.

Color Contrast Check

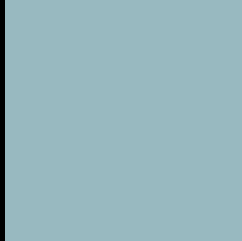
Large Text (above 18pt) WCAG AA × Fail

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 175.9310, 7.9220, -20.9875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

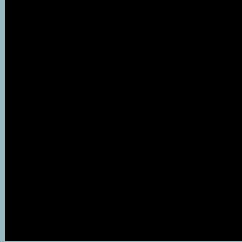
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

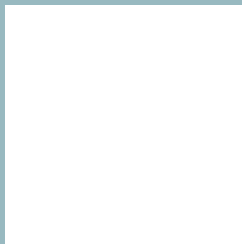
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 175.9310, 7.9220, -20.9875

Background



This preview shows how black text looks on a background with the YUV color 175.9310, 7.9220, -20.9875.



This preview shows how white text looks on a background with the YUV color 175.9310, 7.9220, -20.9875.

-20.9875.

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

175.9310, 7.9220, -20.9875

Protanopia

179.4390, 4.2206, -0.3850

Deuteranopia

180.7650, 6.5249, 7.2221



Tritanopia

176.4410, 11.1216, -20.5578

Trichromacy



Original Color

175.9310, 7.9220, -20.9875

Protanomaly

178.3240, 5.2633, -8.1771

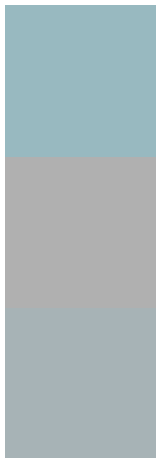
Deuteranomaly

179.1120, 6.8468, -2.7292

Tritanomaly

176.0990, 9.8112, -20.2578

Monochromacy



Original Color

175.9310, 7.9220, -20.9875

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.7540, 3.0793, -7.6773

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.9310, 7.9220, -20.9875 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(152, 185, 192)` looks like.

```
.text, #text, p{  
    color:rgb(152, 185, 192)  
}
```

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(152, 185, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 185, 192) }
```

Border

The CSS property to change the border of an element to YUV 175.9310, 7.9220, -20.9875 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(152, 185, 192) }
```


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

```
.border{ border-color:rgb(152, 185, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 185, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 185, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 185, 192);  
box-shadow:4px 4px 4px 4px rgb(152, 185,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 175.9310, 7.9220, -20.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 185, 192) }
```

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

```
.background{ background-color: rgb(152,  
185, 192) }
```

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