

Converting Colors

YUV(159.8000, 9.9586,
-20.8726)

Have a look what the booklet for
YUV(159.8000, 9.9586, -20.8726)
contains.

YUV(159.8000, 9.9586, -20.8726)	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(159.8000, 9.9586,
-20.8726)**

Conversions

Conversions Part 1

Format	Color
Hex	88A8B4
RGB	136, 168, 180
RGB Percent	53%, 66%, 71%
CMY	0.4667, 0.3412, 0.2941
CMYK	0.24, 0.07, 0.00, 0.29
HSL	196°, 23%, 62%
HSV	196°, 24%, 71%
XYZ	32.3942, 36.5348, 48.5246
YIQ	159.8000, -22.9240, -3.0520

Conversions

Conversions Part 2

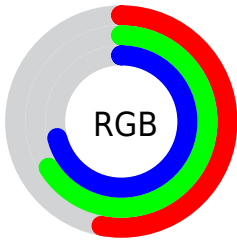
Format	Color
RYB	136, 155, 180
Decimal	8956084
CIELab	66.93, -8.18, -9.79
CIElCh	67, 12.761, 230.107
Yxy	36.5348, 0.2758, 0.3111
Android (android.graphics.Color)	4287146164 (0xFF88A8B4)
YUV	159.8000, 9.9586, -20.8726
Hunter-Lab	60.4440, -10.1122, -5.2873

Details

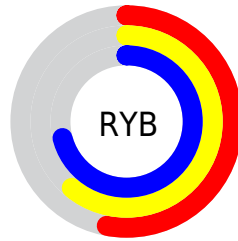
The YUV color $159.8000, 9.9586, -20.8726$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $156.2000, -9.9586, 20.8726$, and the grayscale version is $160.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $214.6150, 10.5428, -21.5874$, and $107.9850, 9.3744, -20.1578$ is the 20% darker color. If you saturate the color by 10%, you get $151.4830, 14.0589, -29.3646$, and if you desaturate by 10%, it is $168.1170, 5.8583, -12.3806$.

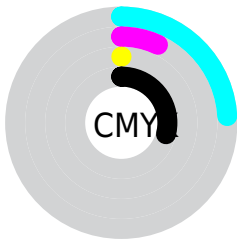
Distribution



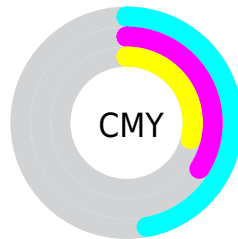
- Red (53%)
- Green (66%)
- Blue (71%)



- Red (53%)
- Yellow (61%)
- Blue (71%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)



- Cyan (47%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.8000, 9.9586, -20.8726 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 159.8000, 9.9586, -20.8726 by changing the saturation by 10% instead.

■ 159.8000, 9.9586,
-20.8726

■ 159.8000, 9.9586,
-20.8726

255.0000, 0.0000,
0.0000

■ 133.6860, 9.5218,
-20.7726

■ 214.6150, 10.5428,
-21.5874

■ 107.9850, 9.3744,
-20.1578

■ 242.1760, 6.3222,
-21.2024

■ 83.2840, 9.2270,
-19.5431

■ 252.6080, 1.1793,
-4.9182

■ 59.8710, 8.9376,
-20.0579

■ 36.8600, 8.9430,
-21.8022

■ 18.5510, 7.6164,
-16.2692

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 159.8000, 9.9586,
-20.8726

■ 159.8000, 9.9586,
-20.8726

■ 151.4830, 14.0589,
-29.3646

■ 168.1170, 5.8583,
-12.3806

■ 143.1660, 18.1592,
-37.8566

■ 176.4340, 1.7580,
-3.8886

■ 134.8490, 22.2594,
-46.3486

■ 184.7510, -2.3422,
4.6034

■ 126.5320, 26.3597,
-54.8406

■ 193.0680, -6.4425,
13.0954

■ 118.2150, 30.4600,
-63.3326

■ 201.3850,
-10.5428, 21.5874

■ 110.4850, 34.2709,
-72.3393

■ 209.1150,
-14.3537, 30.5941

■ 102.1680, 38.3712,
-80.8313

■ 215.3390,
-17.4221, 34.7827

■ 97.4170, 40.7134,
-85.4347

■ 218.2740,
-18.8691, 32.2087

■ 221.2090,
-20.3160, 29.6347

Harmonies

Analogous

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



159.2360, 5.3067, -22.1320



159.8000, 9.9586, -20.8726



161.5990, 11.5367, -13.6803

Triad

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



159.8000, 9.9586, -20.8726



165.0390, 0.9668, 16.6288



161.9650, -10.3357, 1.7847

Complementary

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



159.8000, 9.9586, -20.8726



156.2000, -9.9586, 20.8726

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.



163.0910, -11.3839, 11.3212



159.8000, 9.9586, -20.8726



164.8670, -4.8644, 20.2876

Square

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



159.8000, 9.9586, -20.8726



165.0640, 6.3774, 7.8369



164.1180, -8.9322, 18.3135



160.6370, -6.2300, -8.4516

Rectangle

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



159.8000, 9.9586, -20.8726



162.5290, 11.0782, -6.6029



164.1180, -8.9322, 18.3135



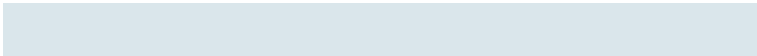
161.8730, -10.7834, 5.3734

Sweetspot

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



159.8000, 9.9586, -20.8726



226.9820, 3.9529, -7.8772



163.1960, -7.4916, -23.8509



113.1350, 1.9054, -4.5034



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



159.8000, 9.9586, -20.8726



203.5150, 15.5221, -32.0237



146.8860, 16.3252, -9.5470



85.1350, 1.9054, -4.5034



82.5990, 34.7077, -72.4393



14.1170, 5.8583, -12.3806

Inverse Universe

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



152.8040, 7.4916, 23.8509



192.9180, 11.3794, 36.9059



169.1140, -16.3252, 9.5470



83.4890, 1.7309, 4.8331



58.4010, 25.9313, 82.9633



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 159.8000, 9.9586, -20.8726 looks on a white background.

Color Contrast Check

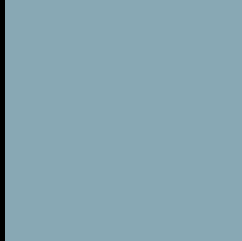
Large Text (above 18pt) WCAG AA × Fail

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 159.8000, 9.9586, -20.8726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

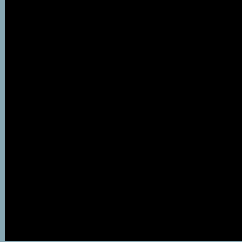
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.8000, 9.9586, -20.8726

Background



This preview shows how black text looks on a background with the YUV color 159.8000, 9.9586, -20.8726.

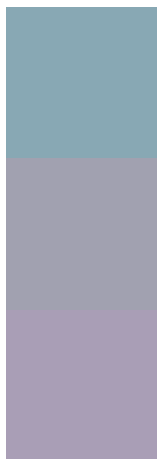


This preview shows how white text looks on a background with the YUV color 159.8000, 9.9586, -20.8726.

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

159.8000, 9.9586, -20.8726

Protanopia

162.7100, 6.5520, -1.4997

Deuteranopia

164.0250, 8.8617, 4.3631



Tritanopia

159.9140, 10.3954, -20.9726

Trichromacy



Original Color

159.8000, 9.9586, -20.8726

Protanomaly

161.8940, 7.4473, -8.6770

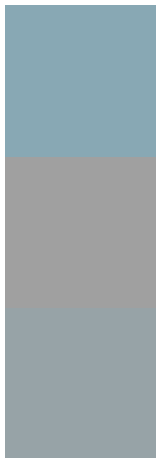
Deuteranomaly

162.6710, 9.0362, -4.9735

Tritanomaly

159.9140, 10.3954, -20.9726

Monochromacy



Original Color

159.8000, 9.9586, -20.8726

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8680, 3.5161, -7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.8000, 9.9586, -20.8726 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(136, 168, 180)` looks like.

```
.text, #text, p{  
    color:rgb(136, 168, 180)  
}
```

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(136, 168, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 168, 180) }
```

Border

The CSS property to change the border of an element to YUV 159.8000, 9.9586, -20.8726 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(136, 168, 180) }
```


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

```
.border{ border-color:rgb(136, 168, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 168, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 168, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 168, 180);  
box-shadow:4px 4px 4px 4px rgb(136, 168,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 159.8000, 9.9586, -20.8726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 168, 180) }
```

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

```
.background{ background-color: rgb(136,  
168, 180) }
```

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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