

# Converting Colors

YUV(159.0720, 0.9505, 21.8619)

Have a look what the booklet for  
YUV(159.0720, 0.9505, 21.8619)  
contains.

<b>YUV(159.0720, 0.9505, 21.8619)</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(159.0720, 0.9505,  
21.8619)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B892A1
RGB	184, 146, 161
RGB Percent	72%, 57%, 63%
CMY	0.2784, 0.4275, 0.3686
CMYK	0.00, 0.21, 0.13, 0.28
HSL	336°, 21%, 65%
HSV	336°, 21%, 72%
XYZ	36.4791, 33.3213, 38.2272
YIQ	159.0720, 17.8330, 12.7210

# Conversions

## Conversions Part 2

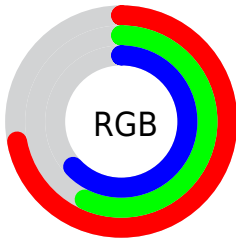
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 146, 161
Decimal	12096161
CIELab	64.42, 16.72, -2.44
CIElCh	64, 16.899, 351.712
Yxy	33.3213, 0.3377, 0.3085
Android (android.graphics.Color)	4290286241 (0xFFB892A1)
YUV	159.0720, 0.9505, 21.8619
Hunter-Lab	57.7246, 11.7850, 1.1434

# Details

The YUV color **159.0720, 0.9505, 21.8619** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **170.9280, -0.9505, -21.8619**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7840, 1.0925, 22.9914**, and **107.4740, 1.2453, 20.6323** is the 20% darker color. If you saturate the color by 10%, you get **147.2520, 1.3548, 32.2280**, and if you desaturate by 10%, it is **170.8920, 0.5462, 11.4957**.

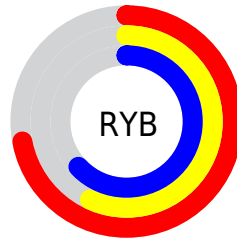
# Distribution



Red (72%)

Green (57%)

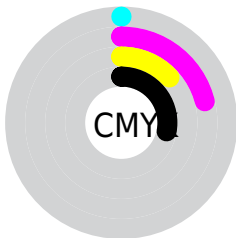
Blue (63%)



Red (72%)

Yellow (57%)

Blue (63%)

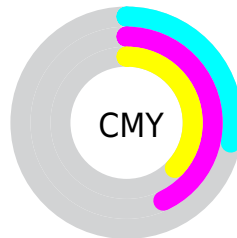


Cyan (0%)

Magenta (21%)

Yellow (13%)

Black (28%)



Cyan (28%)

Magenta (43%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 159.0720, 0.9505, 21.8619 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 159.0720, 0.9505, 21.8619 by changing the saturation by 10% instead.




 159.0720, 0.9505,  
21.8619


 159.0720, 0.9505,  
21.8619


255.0000, 0.0000,  
0.0000


 132.7730, 1.0979,  
21.2471


 213.7840, 1.0925,  
22.9914

 107.4740, 1.2453,  
20.6323

 237.8970, 3.0088,  
14.9993

 82.7620, 1.1033,  
19.5027

 59.7510, 1.1088,  
17.7584

 37.4520, 1.2562,  
17.1436

 14.8050, 2.5611,  
18.5880

 0.0000, 0.0000,

0.0000

■ 159.0720, 0.9505,  
21.8619

■ 159.0720, 0.9505,  
21.8619

■ 147.2520, 1.3548,  
32.2280

■ 170.8920, 0.5462,  
11.4957

■ 134.8450, 2.0484,  
43.1089

■ 183.2990, -0.1474,  
0.6148

■ 123.0250, 2.4527,  
53.4751

■ 195.1190, -0.5517,  
-9.7514

■ 110.5040, 2.7095,  
64.4560

■ 207.6400, -0.8085,  
-20.7323

■ 98.6840, 3.1138,  
74.8221

■ 219.4600, -1.2128,  
-31.0984

■ 86.8640, 3.5180,  
85.1883

■ 230.6930, -1.3276,  
-40.9498

■ 74.4570, 4.2117,  
96.0692

■ 231.9470, 3.4771,  
-42.0495

■ 63.3380, 4.7634,  
105.8206

■ 233.2010, 8.2819,  
-43.1493

■ 233.7710, 10.4659,  
-43.6492

# Harmonies

## Analogous

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



158.8410, 7.9664, 11.5404



159.0720, 0.9505, 21.8619



158.5580, -6.1911, 25.8206

# Triad

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



159.0720, 0.9505, 21.8619



154.5690, -13.0985, 1.2550



151.6680, 13.4747, -28.6498

# Complementary

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



159.0720, 0.9505, 21.8619



170.9280, -0.9505, -21.8619

# 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.



150.5770, 8.0965, -30.3240



159.0720, 0.9505, 21.8619



152.8600, -7.8190, -12.1552

# Square

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



159.0720, 0.9505, 21.8619



156.3040, -14.4469, 13.7654



151.1450, -0.0715, -23.8062



154.6030, 15.4787, -18.0688



# Rectangle

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



159.0720, 0.9505, 21.8619



158.1080, -10.4062, 24.4613



151.1450, -0.0715, -23.8062



151.3150, 12.1697, -30.0943

# Sweetspot

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



159.0720, 0.9505, 21.8619



230.1690, 0.4097, 8.6218



157.2090, 13.2080, 10.3407



114.1470, 0.4205, 5.1331



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



159.0720, 0.9505, 21.8619



200.5620, 1.2019, 34.5871



159.7100, -6.7590, 21.3023



86.0330, -0.0163, 5.2331



53.5980, 3.6492, 89.8066



9.6260, 0.6774, 16.1140



# Inverse Universe

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



159.0720, 0.9505, 21.8619



200.5620, 1.2019, 34.5871



170.2900, 6.7590, -21.3023



86.0330, -0.0163, 5.2331



53.5980, 3.6492, 89.8066



9.6260, 0.6774, 16.1140



# Previews

## White Background



This preview shows how the YUV color 159.0720, 0.9505, 21.8619 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

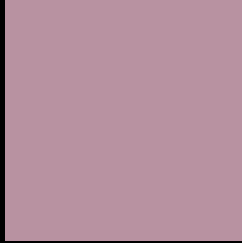
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 159.0720, 0.9505, 21.8619 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

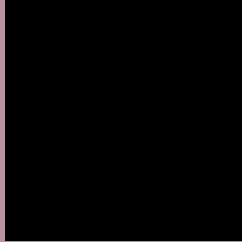
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 159.0720, 0.9505, 21.8619

## Background



This preview shows how black text looks on a background with the YUV color 159.0720, 0.9505, 21.8619.



This preview shows how white text looks on a background with the YUV color 159.0720, 0.9505,



# 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

159.0720, 0.9505, 21.8619

### Protanopia

156.6670, 5.0942, -0.5850

### Deuteranopia

158.2940, 0.8411, 10.2662



## Tritanopia

159.3170, -0.6493, 21.6470

# Trichromacy



## Original Color

159.0720, 0.9505, 21.8619

## Protanomaly

157.6680, 3.6147, 7.3072

## Deuteranomaly

158.6150, 0.6828, 14.3696

## Tritanomaly

159.4310, -0.2125, 21.5470

# Monochromacy



## Original Color

159.0720, 0.9505, 21.8619

## Achromatopsia

159.0000, 0.0000, 0.0000

## Achromatomaly

158.8700, 0.5571, 8.0070

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.0720, 0.9505, 21.8619 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(184, 146, 161)` looks like.

```
.text, #text, p{  
    color:rgb(184, 146, 161)  
}
```

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(184, 146, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 146, 161) }
```

## Border

The CSS property to change the border of an element to YUV 159.0720, 0.9505, 21.8619 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(184, 146, 161) }
```



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

```
.border{ border-color:rgb(184, 146, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 146, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 146, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 146, 161);  
box-shadow:4px 4px 4px 4px rgb(184, 146,  
161) }
```

# Background

The CSS property to change the background color of an element to YUV 159.0720, 0.9505, 21.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 146, 161) }
```

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

```
.background{ background-color: rgb(184,  
146, 161) }
```

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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