

Converting Colors

YUV(155.9880, 21.6979,
-6.1285)

Have a look what the booklet for
YUV(155.9880, 21.6979, -6.1285)
contains.

YUV(155.9880, 21.6979, -6.1285)	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(155.9880, 21.6979,
-6.1285)**

Conversions

Conversions Part 1

Format	Color
Hex	9597C8
RGB	149, 151, 200
RGB Percent	58%, 59%, 78%
CMY	0.4157, 0.4078, 0.2157
CMYK	0.25, 0.24, 0.00, 0.22
HSL	238°, 32%, 68%
HSV	238°, 25%, 78%
XYZ	33.8864, 32.6929, 59.1679
YIQ	155.9880, -16.9210, 14.8150

Conversions

Conversions Part 2

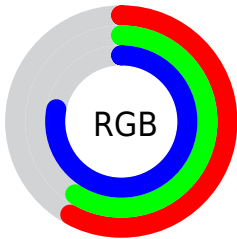
Format	Color
RYB	149, 151, 200
Decimal	9803720
CIELab	63.91, 10.09, -25.43
CIElCh	64, 27.359, 291.651
Yxy	32.6929, 0.2695, 0.2600
Android (android.graphics.Color)	4287993800 (0xFF9597C8)
YUV	155.9880, 21.6979, -6.1285
Hunter-Lab	57.1777, 5.7270, -21.3294

Details

The YUV color **155.9880, 21.6979, -6.1285** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **193.0120, -21.6979, 6.1285**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.4010, 21.9873, -5.6137**, and **104.3470, 20.5349, -6.4433** is the 20% darker color. If you saturate the color by 10%, you get **138.8550, 30.1445, -8.6428**, and if you desaturate by 10%, it is **173.1210, 13.2513, -3.6141**.

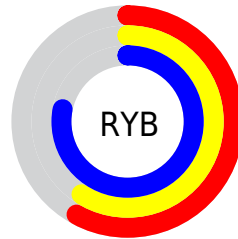
Distribution



Red (58%)

Green (59%)

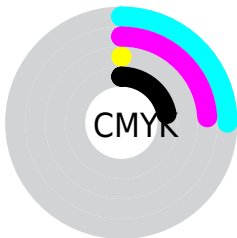
Blue (78%)



Red (58%)

Yellow (59%)

Blue (78%)

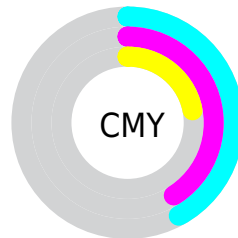


Cyan (25%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (41%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.9880, 21.6979, -6.1285 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 155.9880, 21.6979, -6.1285 by changing the saturation by 10% instead.

■ 155.9880, 21.6979,
-6.1285

■ 155.9880, 21.6979,
-6.1285

■ 255.0000, 0.0000,
0.0000

■ 129.8740, 21.2611,
-6.0285

■ 210.4010, 21.9873,
-5.6137

■ 104.3470, 20.5349,
-6.4433

■ 235.2090, 9.7570,
-2.8143

■ 79.8200, 19.8087,
-6.8581

■ 56.8800, 18.7932,
-7.7878

■ 34.6410, 17.9250,
-9.3322

■ 11.7550, 18.3618,
-9.4321

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 155.9880, 21.6979,
-6.1285

■ 155.9880, 21.6979,
-6.1285

■ 138.8550, 30.1445,
-8.6428

■ 173.1210, 13.2513,
-3.6141

■ 121.7220, 38.5911,
-11.1572

■ 190.2540, 4.8048,
-1.0998

■ 104.0020, 47.3270,
-13.1568

■ 207.9740, -3.9312,
0.8998

■ 86.8690, 55.7736,
-15.6711

■ 225.1070,
-12.3778, 3.4142

■ 69.7360, 64.2202,
-18.1855

■ 242.2400,
-20.8243, 5.9285

■ 52.6030, 72.6667,
-20.6998

■ 248.7300,
-24.0239, 5.4988

■ 34.8830, 81.4027,
-22.6994

■ 27.4960, 85.0445,
-24.1140

Harmonies

Analogous

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



150.2620, 25.9998, -32.6788



155.9880, 21.6979, -6.1285



158.5520, 13.0389, 17.9329

Triad

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



155.9880, 21.6979, -6.1285



155.9970, -18.7325, 35.0826



144.6760, 1.1457, -40.9349

Complementary

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



155.9880, 21.6979, -6.1285



193.0120, -21.6979, 6.1285

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.



148.6650, -12.1598, -19.8772



155.9880, 21.6979, -6.1285



154.0570, -23.1991, 20.9980

Square

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



155.9880, 21.6979, -6.1285



157.7340, -9.7289, 40.5753



151.8050, -21.1029, 1.9250



141.8450, 14.8664, -55.1151

Rectangle

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



155.9880, 21.6979, -6.1285



159.0930, 5.8702, 30.6134



151.8050, -21.1029, 1.9250



145.8680, -3.3859, -34.0872

Sweetspot

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



155.9880, 21.6979, -6.1285



237.2800, 8.7360, -1.9996



184.4090, 6.2074, -31.0537



116.4820, 5.6784, -1.2997



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.



155.9880, 21.6979, -6.1285



186.7670, 33.6389, -9.4427



161.6910, 18.8863, 9.0410



91.0260, 3.9312, -0.8998



22.1040, 69.4617, -19.3852



4.6910, 15.4353, -4.1140

Inverse Universe

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



164.4770, -6.6442, 31.1537



199.9630, -10.3348, 48.2674



187.3090, -18.8863, -9.0410



92.6910, -1.3267, 5.5330



49.4210, -21.4066, 99.6088



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 155.9880, 21.6979, -6.1285 looks on a white background.

Color Contrast Check

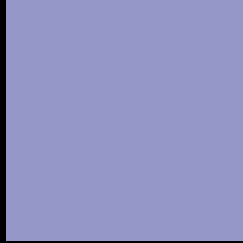
Large Text (above 18pt) WCAG AA × Fail

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 155.9880, 21.6979, -6.1285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

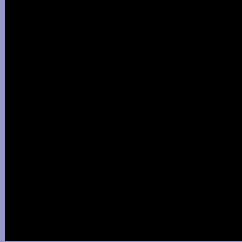
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.9880, 21.6979, -6.1285

Background



This preview shows how black text looks on a background with the YUV color 155.9880, 21.6979, -6.1285.



This preview shows how white text looks on a background with the YUV color 155.9880, 21.6979, -6.1285.

-6.1285.

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

155.9880, 21.6979, -6.1285

Protanopia

155.1830, 22.5878, -11.5615

Deuteranopia

155.6780, 21.8507, -8.4876



Tritanopia

154.1820, 7.3053, -9.8066

Trichromacy



Original Color

155.9880, 21.6979, -6.1285

Protanomaly

155.4930, 22.4350, -9.2024

Deuteranomaly

155.9770, 21.7033, -7.8728

Tritanomaly

154.8600, 12.3940, -8.6472

Monochromacy



Original Color

155.9880, 21.6979, -6.1285

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.7530, 8.0098, -2.4144

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.9880, 21.6979, -6.1285 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(149, 151, 200)` looks like.

```
.text, #text, p{  
    color:rgb(149, 151, 200)  
}
```

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(149, 151, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 151, 200) }
```

Border

The CSS property to change the border of an element to YUV 155.9880, 21.6979, -6.1285 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(149, 151, 200) }
```


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

```
.border{ border-color:rgb(149, 151, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 151, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 151, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 151, 200);  
box-shadow:4px 4px 4px 4px rgb(149, 151,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 155.9880, 21.6979, -6.1285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 151, 200) }
```

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

```
.background{ background-color: rgb(149,  
151, 200) }
```

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