

Converting Colors

YUV(122.4440, 19.9941,
-19.6834)

Have a look what the booklet for
YUV(122.4440, 19.9941, -19.6834)
contains.

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Color

**YUV(122.4440, 19.9941,
-19.6834)**

Conversions

Conversions Part 1

Format	Color
Hex	647EA3
RGB	100, 126, 163
RGB Percent	39%, 49%, 64%
CMY	0.6078, 0.5059, 0.3608
CMYK	0.39, 0.23, 0.00, 0.36
HSL	215°, 26%, 52%
HSV	215°, 39%, 64%
XYZ	19.3272, 20.2754, 37.5452
YIQ	122.4440, -27.3730, 5.9950

Conversions

Conversions Part 2

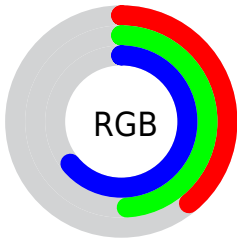
Format	Color
R_{YB}	100, 118, 163
Decimal	6586019
CIE _{Lab}	52.15, 0.28, -22.75
CIE _{LCh}	52, 22.754, 270.717
Yxy	20.2754, 0.2505, 0.2628
Android (android.graphics.Color)	4284776099 (0xFF647EA3)
YUV	122.4440, 19.9941, -19.6834
Hunter-Lab	45.0282, -2.1826, -17.9172

Details

The YUV color **122.4440, 19.9941, -19.6834** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **140.5560, -19.9941, 19.6834**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6720, 20.8677, -19.8833**, and **72.5040, 18.9785, -20.6130** is the 20% darker color. If you saturate the color by 10%, you get **111.7900, 25.2465, -24.3718**, and if you desaturate by 10%, it is **133.0980, 14.7417, -14.9949**.

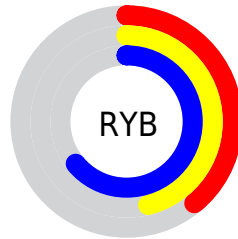
Distribution



Red (39%)

Green (49%)

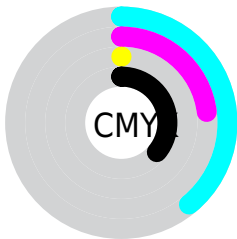
Blue (64%)



Red (39%)

Yellow (46%)

Blue (64%)

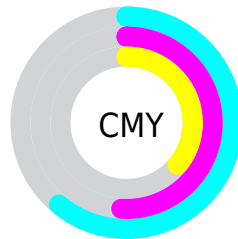


Cyan (39%)

Magenta (23%)

Yellow (0%)

Black (36%)



Cyan (61%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.4440, 19.9941, -19.6834 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 122.4440, 19.9941, -19.6834 by changing the saturation by 10% instead.

■ 122.4440, 19.9941,
-19.6834

■ 122.4440, 19.9941,
-19.6834

■ 255.0000, 0.0000,
0.0000

■ 97.0310, 19.7047,
-20.1982

■ 175.6720, 20.8677,
-19.8833

■ 72.5040, 18.9785,
-20.6130

■ 202.9000, 21.7413,
-20.0833

■ 49.0800, 18.6946,
-22.8722

■ 228.6200, 13.0053,
-18.0837

■ 26.5530, 17.9684,
-23.2870

■ 249.6180, 2.6533,
-11.0660

■ 10.5440, 15.0148,
-9.2471

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 122.4440, 19.9941,
-19.6834

■ 122.4440, 19.9941,
-19.6834

■ 111.7900, 25.2465,
-24.3718

■ 133.0980, 14.7417,
-14.9949

■ 101.4240, 30.3570,
-30.1898

■ 143.4640, 9.6312,
-9.1769

■ 90.7700, 35.6094,
-34.8783

■ 154.1180, 4.3788,
-4.4885

■ 80.7030, 40.5724,
-40.0815

■ 164.1850, -0.5842,
0.7148

■ 70.0490, 45.8248,
-44.7700

■ 174.8390, -5.8366,
5.4032

■ 59.6830, 50.9353,
-50.5880

■ 185.2050,
-10.9471, 11.2212

■ 57.9110, 51.8089,
-50.7879

■ 195.8590,
-16.1995, 15.9097

■ 206.5130,
-21.4519, 20.5981

■ 216.8790,
-26.5623, 26.4161

Harmonies

Analogous

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



117.0350, 20.1957, -37.7417



122.4440, 19.9941, -19.6834



126.1370, 15.7085, 1.6339

Triad

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



122.4440, 19.9941, -19.6834



125.8640, -10.2860, 32.5683



118.1470, -6.4815, -21.1769

Complementary

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



122.4440, 19.9941, -19.6834



140.5560, -19.9941, 19.6834

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.



120.9660, -15.2662, -3.4782



122.4440, 19.9941, -19.6834



125.0990, -16.8108, 25.3462

Square

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



122.4440, 19.9941, -19.6834



127.2580, -1.1132, 30.4687



123.1530, -18.8094, 13.0208



115.5070, 4.1870, -36.4016

Rectangle

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



122.4440, 19.9941, -19.6834



127.2480, 10.7237, 13.8145



123.1530, -18.8094, 13.0208



119.2680, -9.9921, -15.1440

Sweetspot

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



122.4440, 19.9941, -19.6834



195.4210, 8.1734, -8.2622



141.1990, -2.0701, -36.1315



97.2320, 4.8156, -4.5885



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



122.4440, 19.9941, -19.6834



148.6520, 31.2306, -30.3898



108.6770, 26.7812, -3.2247



76.3740, 2.7736, -2.9590



51.7500, 45.9723, -45.3847



6.1610, 5.8366, -5.4032

Inverse Universe

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



121.8010, 2.0701, 36.1315



147.8620, 3.0260, 56.2490



154.3230, -26.7812, 3.2247



76.1470, 0.4205, 5.1331



50.1950, 4.8339, 83.1440



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 122.4440, 19.9941, -19.6834 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 122.4440, 19.9941, -19.6834 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 × Fail

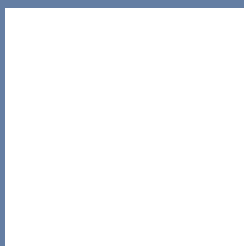
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 122.4440, 19.9941, -19.6834

Background



This preview shows how black text looks on a background with the YUV color 122.4440, 19.9941, -19.6834.



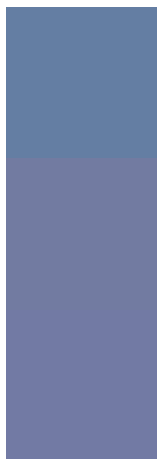
This preview shows how white text looks on a background with the YUV color 122.4440, 19.9941, -19.6834.

-19.6834.

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

122.4440, 19.9941, -19.6834

Protanopia

124.6410, 17.9250, -9.3322

Deuteranopia

124.3960, 19.5248, -9.1173



Tritanopia

120.4900, 10.1114, -23.2317

Trichromacy



Original Color

122.4440, 19.9941, -19.6834

Protanomaly

123.8470, 18.8094, -13.0208

Deuteranomaly

123.4880, 19.9724, -12.7060

Tritanomaly

121.4130, 13.6004, -22.2872

Monochromacy



Original Color

122.4440, 19.9941, -19.6834

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.4440, 19.9941, -19.6834 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(100, 126, 163)` looks like.

```
.text, #text, p{  
    color:rgb(100, 126, 163)  
}
```

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(100, 126, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 126, 163) }
```

Border

The CSS property to change the border of an element to YUV 122.4440, 19.9941, -19.6834 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(100, 126, 163) }
```


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

```
.border{ border-color:rgb(100, 126, 163) }
```

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

Here you see how a box with a 4 pixel rgb(100, 126, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 126, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 126, 163);  
box-shadow:4px 4px 4px 4px rgb(100, 126,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 122.4440, 19.9941, -19.6834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 126, 163) }
```

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

```
.background{ background-color: rgb(100,  
126, 163) }
```

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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