

Converting Colors

YUV(122.0400, 26.1093,
-21.0831)

Have a look what the booklet for
YUV(122.0400, 26.1093, -21.0831)
contains.

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Color

**YUV(122.0400, 26.1093,
-21.0831)**

Conversions

Conversions Part 1

Format	Color
Hex	627CAF
RGB	98, 124, 175
RGB Percent	38%, 49%, 69%
CMY	0.6157, 0.5137, 0.3137
CMYK	0.44, 0.29, 0.00, 0.31
HSL	220°, 32%, 54%
HSV	220°, 44%, 69%
XYZ	19.9825, 20.1071, 43.3853
YIQ	122.0400, -31.8670, 10.3490

Conversions

Conversions Part 2

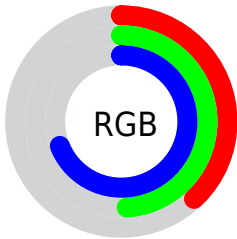
Format	Color
R _Y B	98, 117, 175
Decimal	6454447
CIE Lab	51.96, 4.39, -30.00
CIE LCh	52, 30.321, 278.316
Yxy	20.1071, 0.2394, 0.2409
Android (android.graphics.Color)	4284644527 (0xFF627CAF)
YUV	122.0400, 26.1093, -21.0831
Hunter-Lab	44.8410, 1.0734, -25.9766

Details

The YUV color **122.0400, 26.1093, -21.0831** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **150.9600, -26.1093, 21.0831**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0940, 27.5617, -20.2534**, and **71.9750, 24.6623, -23.6571** is the 20% darker color. If you saturate the color by 10%, you get **109.9130, 32.0879, -25.3567**, and if you desaturate by 10%, it is **134.4660, 19.9833, -16.1947**.

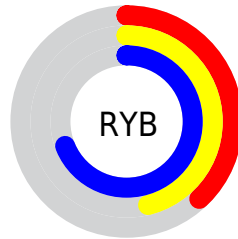
Distribution



Red (38%)

Green (49%)

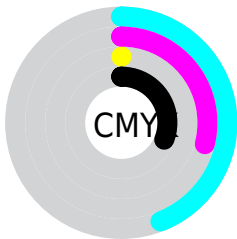
Blue (69%)



Red (38%)

Yellow (46%)

Blue (69%)

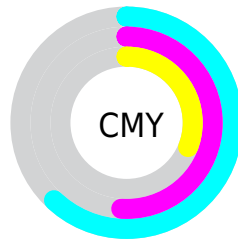


Cyan (44%)

Magenta (29%)

Yellow (0%)

Black (31%)



Cyan (62%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.0400, 26.1093, -21.0831 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 122.0400, 26.1093, -21.0831 by changing the saturation by 10% instead.

■ 122.0400, 26.1093,
-21.0831

■ 122.0400, 26.1093,
-21.0831

■ 255.0000, 0.0000,
0.0000

■ 96.5130, 25.3831,
-21.4979

■ 175.0940, 27.5617,
-20.2534

■ 71.9750, 24.6623,
-23.6571

■ 202.6380, 25.8145,
-19.8535

■ 46.0560, 25.1154,
-28.9901

■ 227.4460, 13.5841,
-17.0541

■ 27.1060, 22.6257,
-23.7720

■ 249.6180, 2.6533,
-11.0660

■ 10.3960, 19.5248,
-9.1173

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 122.0400, 26.1093,
-21.0831

■ 122.0400, 26.1093,
-21.0831

■ 109.9130, 32.0879,
-25.3567

■ 134.4660, 19.9833,
-16.1947

■ 98.0740, 37.9245,
-30.7599

■ 146.0060, 14.2940,
-11.4063

■ 85.9470, 43.9031,
-35.0335

■ 158.4320, 8.1680,
-6.5179

■ 74.1080, 49.7398,
-40.4367

■ 169.9720, 2.4788,
-1.7294

■ 61.9810, 55.7184,
-44.7103

■ 182.3980, -3.6472,
3.1590

■ 54.5830, 59.3656,
-47.8693

■ 194.5250, -9.6258,
7.4326

■ 206.3640,
-15.4625, 12.8358

■ 218.4910,
-21.4411, 17.1094

■ 230.0310,
-27.1303, 21.8978

Harmonies

Analogous

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



112.3410, 29.4119, -53.7961



122.0400, 26.1093, -21.0831



126.3920, 19.0337, 8.4262

Triad

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



122.0400, 26.1093, -21.0831



125.1270, -15.8386, 40.2306



113.5150, -4.6909, -35.5317

Complementary

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



122.0400, 26.1093, -21.0831



150.9600, -26.1093, 21.0831

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.



118.5260, -18.0073, -10.9853



122.0400, 26.1093, -21.0831



123.6990, -23.5156, 29.2050

Square

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



122.0400, 26.1093, -21.0831



126.5260, -4.2033, 41.6347



121.6490, -24.4770, 10.8318



106.2910, 11.6885, -62.5222

Rectangle

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



122.0400, 26.1093, -21.0831



127.6560, 12.0016, 23.9807



121.6490, -24.4770, 10.8318



115.6040, -9.6648, -26.8397

Sweetspot

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



122.0400, 26.1093, -21.0831



206.2900, 10.2100, -8.1473



148.8990, -0.4432, -44.6384



102.2750, 6.2734, -5.5032



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



122.0400, 26.1093, -21.0831



144.1600, 40.8401, -32.5893



110.3660, 31.8646, -0.3210



80.7870, 3.0630, -2.4442



47.0370, 50.7608, -41.2514



7.3180, 7.7312, -6.4179

Inverse Universe

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



123.9870, 0.0064, 44.7384



147.4400, -0.2169, 69.7741



162.6340, -31.8646, 0.3210



81.0330, -0.0163, 5.2331



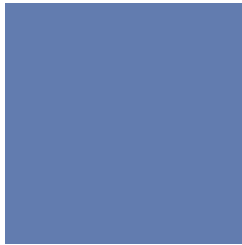
50.6640, 0.1656, 87.1177



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 122.0400, 26.1093, -21.0831 looks on a white background.

Color Contrast Check

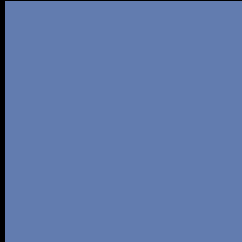
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.0400, 26.1093, -21.0831 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

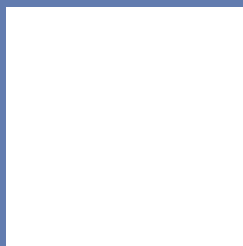
Any Text WCAG AAA × Fail

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

YUV 122.0400, 26.1093, -21.0831 Background



This preview shows how black text looks on a background with the YUV color 122.0400, 26.1093, -21.0831.



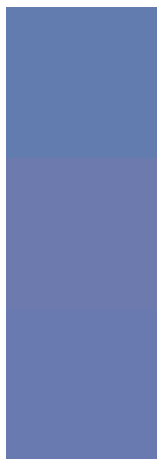
This preview shows how white text looks on a background with the YUV color 122.0400, 26.1093, -21.0831.

-21.0831.

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

122.0400, 26.1093, -21.0831

Protanopia

123.6280, 24.3404, -13.7058

Deuteranopia

122.6600, 25.8036, -16.3648



Tritanopia

118.9950, 10.8485, -26.3056

Trichromacy



Original Color

122.0400, 26.1093, -21.0831

Protanomaly

123.1330, 25.0774, -16.7796

Deuteranomaly

122.6490, 25.8090, -18.1092

Tritanomaly

120.0860, 16.2266, -24.6314

Monochromacy



Original Color

122.0400, 26.1093, -21.0831

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0620, 9.3364, -7.9474

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0400, 26.1093, -21.0831 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(98, 124, 175)` looks like.

```
.text, #text, p{  
    color:rgb(98, 124, 175)  
}
```

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(98, 124, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 124, 175) }
```

Border

The CSS property to change the border of an element to YUV 122.0400, 26.1093, -21.0831 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(98, 124, 175) }
```


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

```
.border{ border-color:rgb(98, 124, 175) }
```

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

Here you see how a box with a 4 pixel rgb(98, 124, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 124, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 124, 175);  
box-shadow:4px 4px 4px 4px rgb(98, 124,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 122.0400, 26.1093, -21.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 124, 175) }
```

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

```
.background{ background-color: rgb(98, 124,  
175) }
```

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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