

Converting Colors

YUV(98.0830, 27.5671,
-21.9978)

Have a look what the booklet for
YUV(98.0830, 27.5671, -21.9978)
contains.

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Color

**YUV(98.0830, 27.5671,
-21.9978)**

Conversions

Conversions Part 1

Format	Color
Hex	49649A
RGB	73, 100, 154
RGB Percent	29%, 39%, 60%
CMY	0.7137, 0.6078, 0.3961
CMYK	0.53, 0.35, 0.00, 0.40
HSL	220°, 36%, 45%
HSV	220°, 53%, 60%
XYZ	13.1376, 12.8639, 32.3624
YIQ	98.0830, -33.4260, 11.0700

Conversions

Conversions Part 2

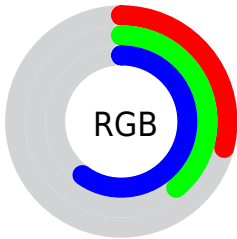
Format	Color
R_{YB}	73, 93, 154
Decimal	4809882
CIE _{Lab}	42.56, 6.12, -32.51
CIE _{LCh}	43, 33.082, 280.657
Yxy	12.8639, 0.2251, 0.2204
Android (android.graphics.Color)	4282999962 (0xFF49649A)
YUV	98.0830, 27.5671, -21.9978
Hunter-Lab	35.8663, 2.6173, -28.3914

Details

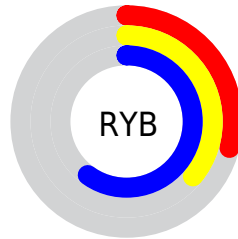
The YUV color **98.0830, 27.5671, -21.9978** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **128.9170, -27.5671, 21.9978**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.4360, 28.8721, -20.5534**, and **46.9140, 27.1574, -30.6196** is the 20% darker color. If you saturate the color by 10%, you get **87.7280, 32.6721, -26.0715**, and if you desaturate by 10%, it is **108.4380, 22.4621, -17.9241**.

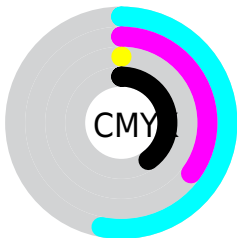
Distribution



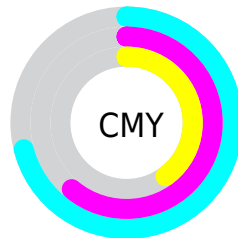
- Red (29%)
- Green (39%)
- Blue (60%)



- Red (29%)
- Yellow (36%)
- Blue (60%)



- Cyan (53%)
- Magenta (35%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0830, 27.5671, -21.9978 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 98.0830, 27.5671, -21.9978 by changing the saturation by 10% instead.

■ 98.0830, 27.5671,
-21.9978

■ 98.0830, 27.5671,
-21.9978

■ 255.0000, 0.0000,
0.0000

■ 72.9580, 27.1357,
-23.6422

■ 150.4360, 28.8721,
-20.5534

■ 46.9140, 27.1574,
-30.6196

■ 176.9630, 29.5982,
-20.1386

■ 28.2630, 24.5203,
-24.7867

■ 203.8230, 25.2303,
-19.1388

■ 11.5530, 21.4194,
-10.1320

■ 228.6310, 12.9999,
-16.3394

■ 4.9360, 13.8356,
-4.3289

■ 250.2160, 2.3585,
-9.8364

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,

0.0000

■ 98.0830, 27.5671,
-21.9978

■ 98.0830, 27.5671,
-21.9978

■ 87.7280, 32.6721,
-26.0715

■ 108.4380, 22.4621,
-17.9241

■ 76.4870, 38.2139,
-30.2451

■ 119.6790, 16.9203,
-13.7505

■ 66.1320, 43.3189,
-34.3188

■ 130.0340, 11.8152,
-9.6768

■ 55.4780, 48.5713,
-39.0072

■ 140.6880, 6.5628,
-4.9884

■ 47.4930, 52.5080,
-41.6514

■ 151.0430, 1.4578,
-0.9147

■ 161.9850, -3.9366,
2.6442

■ 172.6390, -9.1890,
7.3326

■ 182.9940,
-14.2940, 11.4063

■ 193.6480,
-19.5465, 16.0947

Harmonies

Analogous

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



80.7240, 35.1391, -70.7949



98.0830, 27.5671, -21.9978



103.4030, 19.0283, 10.1706

Triad

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



98.0830, 27.5671, -21.9978



100.4970, -17.0070, 41.6601



86.9270, -2.9220, -42.9090

Complementary

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



98.0830, 27.5671, -21.9978



128.9170, -27.5671, 21.9978

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.



93.9170, -17.7071, -13.9592



98.0830, 27.5671, -21.9978



99.6450, -24.9680, 28.3753

Square

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



98.0830, 27.5671, -21.9978



101.7220, -4.7929, 44.0938



97.2960, -25.7819, 9.3874



80.0450, 14.7678, -70.1995

Rectangle

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



98.0830, 27.5671, -21.9978



103.6780, 11.9907, 27.4694



97.2960, -25.7819, 9.3874



90.2120, -8.4855, -31.7579

Sweetspot

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



98.0830, 27.5671, -21.9978



179.1050, 10.7942, -8.8621



126.7030, 0.1464, -47.0975



88.6880, 6.5628, -4.9884



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



98.0830, 27.5671, -21.9978



114.0180, 42.8821, -34.2188



86.1210, 33.4643, -0.1061



71.0860, 2.9156, -1.8294



43.5490, 47.5503, -38.1925



3.8300, 4.5208, -3.3589

Inverse Universe

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



100.2970, -0.1464, 47.0975



117.4620, -0.2278, 73.2628



140.5800, -33.3169, -0.5087



71.6200, -0.3057, 4.7183



47.2180, -0.1075, 81.3698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 98.0830, 27.5671, -21.9978 looks on a white 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

Black Background



This preview shows how the YUV color 98.0830, 27.5671, -21.9978 looks on a black 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

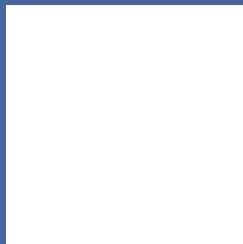
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 98.0830, 27.5671, -21.9978

Background



This preview shows how black text looks on a background with the YUV color 98.0830, 27.5671, -21.9978.



This preview shows how white text looks on a background with the YUV color 98.0830, 27.5671, -21.9978.

-21.9978.

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

98.0830, 27.5671, -21.9978

Protanopia

99.1870, 26.5298, -15.9500

Deuteranopia

98.0830, 27.5671, -21.9978



Tritanopia

94.5600, 10.5699, -30.3091

Trichromacy



Original Color

98.0830, 27.5671, -21.9978

Protanomaly

98.8770, 26.6826, -18.3091

Deuteranomaly

98.0830, 27.5671, -21.9978

Tritanomaly

95.8900, 16.8162, -27.0905

Monochromacy



Original Color

98.0830, 27.5671, -21.9978

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1760, 9.7732, -8.0474

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0830, 27.5671, -21.9978 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(73, 100, 154)` looks like.

```
.text, #text, p{  
    color:rgb(73, 100, 154)  
}
```

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(73, 100, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 100, 154) }
```

Border

The CSS property to change the border of an element to YUV 98.0830, 27.5671, -21.9978 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(73, 100, 154) }
```


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

```
.border{ border-color:rgb(73, 100, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 100, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 100, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 100, 154);  
box-shadow:4px 4px 4px 4px rgb(73, 100,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 98.0830, 27.5671, -21.9978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 100, 154) }
```

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

```
.background{ background-color: rgb(73, 100,  
154) }
```

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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