

Converting Colors

YUV(174.0830, 27.5671,
-21.9978)

Have a look what the booklet for
YUV(174.0830, 27.5671, -21.9978)
contains.

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Color

**YUV(174.0830, 27.5671,
-21.9978)**

Conversions

Conversions Part 1

Format	Color
Hex	95B0E6
RGB	149, 176, 230
RGB Percent	58%, 69%, 90%
CMY	0.4157, 0.3098, 0.0980
CMYK	0.35, 0.23, 0.00, 0.10
HSL	220°, 62%, 74%
HSV	220°, 35%, 90%
XYZ	42.2027, 43.1534, 80.9680
YIQ	174.0830, -33.4260, 11.0700

Conversions

Conversions Part 2

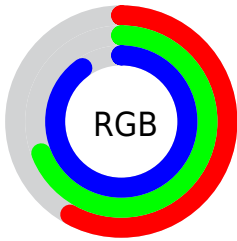
Format	Color
RYB	149, 169, 230
Decimal	9810150
CIELab	71.66, 3.61, -30.06
CIELCh	72, 30.275, 276.847
Yxy	43.1534, 0.2537, 0.2595
Android (android.graphics.Color)	4288000230 (0xFF95B0E6)
YUV	174.0830, 27.5671, -21.9978
Hunter-Lab	65.6912, -0.2841, -27.0943

Details

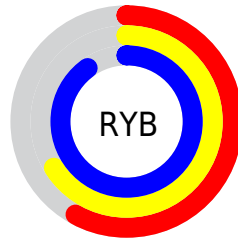
The YUV color **174.0830, 27.5671, -21.9978** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **204.9170, -27.5671, 21.9978**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9620, 14.3157, -18.3837**, and **121.0290, 26.1147, -22.8274** is the 20% darker color. If you saturate the color by 10%, you get **158.4010, 35.2983, -28.4157**, and if you desaturate by 10%, it is **189.7650, 19.8359, -15.5799**.

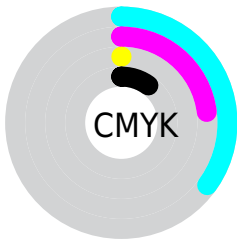
Distribution



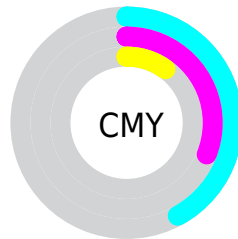
- Red (58%)
- Green (69%)
- Blue (90%)



- Red (58%)
- Yellow (66%)
- Blue (90%)



- Cyan (35%)
- Magenta (23%)
- Yellow (0%)
- Black (10%)



- Cyan (42%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.0830, 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 174.0830, 27.5671, -21.9978 by changing the saturation by 10% instead.

■ 174.0830, 27.5671,
-21.9978

■ 174.0830, 27.5671,
-21.9978

255.0000, 0.0000,
0.0000

■ 146.9690, 27.1303,
-21.8978

■ 225.9620, 14.3157,
-18.3837

■ 121.0290, 26.1147,
-22.8274

■ 248.7210, 3.0955,
-12.9103

■ 95.6160, 25.8253,
-23.3422

■ 70.1920, 25.5413,
-25.6014

■ 43.9630, 26.1472,
-33.2936

■ 26.9920, 22.1889,
-23.6720

■ 9.8090, 19.8142,

-8.6025

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 174.0830, 27.5671,
-21.9978

■ 174.0830, 27.5671,
-21.9978

■ 158.4010, 35.2983,
-28.4157

■ 189.7650, 19.8359,
-15.5799

■ 142.1320, 43.3189,
-34.3188

■ 206.0340, 11.8152,
-9.6768

■ 126.4500, 51.0501,
-40.7367

■ 221.7160, 4.0840,
-3.2589

■ 110.7680, 58.7814,
-47.1545

■ 237.3980, -3.6472,
3.1590

■ 94.4990, 66.8020,
-53.0576

■ 250.9760,
-10.3412, 3.5290

■ 78.8170, 74.5332,
-59.4755

■ 252.1500,
-10.9200, 2.4994

■ 71.4190, 78.1804,
-62.6345

Harmonies

Analogous

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



166.6620, 29.2536, -49.6926



174.0830, 27.5671, -21.9978



178.7340, 20.3441, 8.1263

Triad

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



174.0830, 27.5671, -21.9978



177.3340, -16.4337, 44.4341



166.0590, -6.4381, -35.1317

Complementary

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



174.0830, 27.5671, -21.9978



204.9170, -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.



170.4830, -19.4651, -10.0706



174.0830, 27.5671, -21.9978



175.9660, -25.1262, 32.4788

Square

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



174.0830, 27.5671, -21.9978



179.1350, -4.5036, 44.6086



173.6170, -25.9402, 13.4909



162.0530, 9.3409, -56.1745

Rectangle

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



174.0830, 27.5671, -21.9978



179.5960, 13.0172, 24.9103



173.6170, -25.9402, 13.4909



167.8490, -11.2646, -27.0546

Sweetspot

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



174.0830, 27.5671, -21.9978



235.4750, 9.6258, -7.4326



202.7030, 0.1464, -47.0975



115.8730, 5.9786, -4.2736



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.



174.0830, 27.5671, -21.9978



181.3300, 36.3193, -29.2304



162.1210, 33.4643, -0.1061



106.7160, 4.0840, -3.2589



55.0390, 61.1128, -48.2692



15.7930, 17.3571, -13.8505

Inverse Universe

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



176.2970, -0.1464, 47.0975



184.0970, -0.0478, 62.1819



216.8790, -33.4643, 0.1061



107.0440, -0.0217, 6.9774



60.2470, -0.6148, 104.1464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 174.0830, 27.5671, -21.9978 looks on a white background.

Color Contrast Check

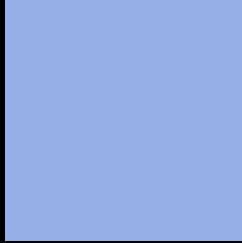
Large Text (above 18pt) WCAG AA × Fail

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 174.0830, 27.5671, -21.9978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

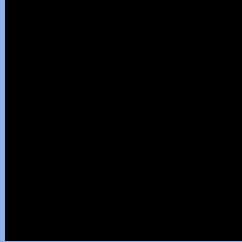
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.0830, 27.5671, -21.9978

Background



This preview shows how black text looks on a background with the YUV color 174.0830, 27.5671, -21.9978.



This preview shows how white text looks on a background with the YUV color 174.0830, 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

174.0830, 27.5671, -21.9978

Protanopia

175.6820, 25.7928, -12.8761

Deuteranopia

175.7360, 27.2452, -12.0465



Tritanopia

171.4510, 12.5957, -26.7055

Trichromacy



Original Color

174.0830, 27.5671, -21.9978

Protanomaly

175.1870, 26.5298, -15.9500

Deuteranomaly

174.8280, 27.6928, -15.6352

Tritanomaly

172.5420, 17.9738, -25.0313

Monochromacy



Original Color

174.0830, 27.5671, -21.9978

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1760, 9.7732, -8.0474

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.0830, 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(149, 176, 230)` looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 230)  
}
```

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, 176, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 176, 230) }
```

Border

The CSS property to change the border of an element to YUV 174.0830, 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(149, 176, 230) }
```


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

```
.border{ border-color:rgb(149, 176, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 176, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 176, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 176, 230);  
box-shadow:4px 4px 4px 4px rgb(149, 176,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 174.0830, 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(149, 176, 230) }
```

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

```
.background{ background-color: rgb(149,  
176, 230) }
```

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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