

Converting Colors

YUV(175.8070, 22.7731,
-24.3867)

Have a look what the booklet for
YUV(175.8070, 22.7731, -24.3867)
contains.

YUV(175.8070, 22.7731, -24.3867)	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(175.8070, 22.7731,
-24.3867)**

Conversions

Conversions Part 1

Format	Color
Hex	94B5DE
RGB	148, 181, 222
RGB Percent	58%, 71%, 87%
CMY	0.4196, 0.2902, 0.1294
CMYK	0.33, 0.18, 0.00, 0.13
HSL	213°, 53%, 73%
HSV	213°, 33%, 87%
XYZ	41.9214, 44.6176, 75.5098
YIQ	175.8070, -32.8290, 5.7550

Conversions

Conversions Part 2

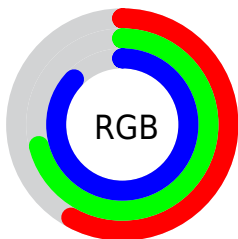
Format	Color
RYB	148, 171, 222
Decimal	9745886
CIELab	72.64, -1.47, -24.20
CIELCh	73, 24.247, 266.534
Yxy	44.6176, 0.2587, 0.2753
Android (android.graphics.Color)	4287935966 (0xFF94B5DE)
YUV	175.8070, 22.7731, -24.3867
Hunter-Lab	66.7964, -4.8670, -20.2668

Details

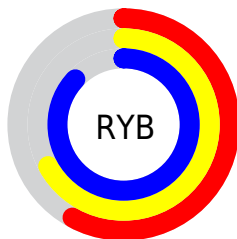
The YUV color **175.8070, 22.7731, -24.3867** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **194.1930, -22.7731, 24.3867**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1850, 12.7268, -22.0872**, and **122.5790, 21.8996, -24.1868** is the 20% darker color. If you saturate the color by 10%, you get **162.1850, 29.4888, -31.7342**, and if you desaturate by 10%, it is **189.4290, 16.0575, -17.0392**.

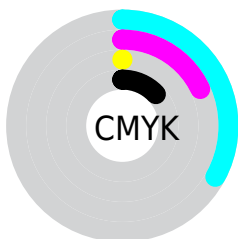
Distribution



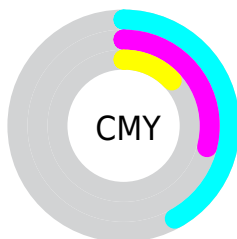
- Red (58%)
- Green (71%)
- Blue (87%)



- Red (58%)
- Yellow (67%)
- Blue (87%)



- Cyan (33%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (42%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8070, 22.7731, -24.3867 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 175.8070, 22.7731, -24.3867 by changing the saturation by 10% instead.

■ 175.8070, 22.7731,
-24.3867

■ 175.8070, 22.7731,
-24.3867

255.0000, 0.0000,
0.0000

■ 148.6930, 22.3364,
-24.2868

■ 229.1850, 12.7268,
-22.0872

■ 122.5790, 21.8996,
-24.1868

■ 248.1230, 3.3904,
-14.1399

■ 97.0520, 21.1734,
-24.6016

■ 72.0410, 21.1788,
-26.3460

■ 47.0080, 21.1951,
-31.5790

■ 28.0690, 18.7000,
-24.6165

■ 12.6470, 15.4570,

-11.0914

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 175.8070, 22.7731,
-24.3867

■ 175.8070, 22.7731,
-24.3867

■ 162.1850, 29.4888,
-31.7342

■ 189.4290, 16.0575,
-17.0392

■ 147.9760, 36.4938,
-38.5670

■ 203.6380, 9.0525,
-10.2065

■ 134.0550, 43.3569,
-46.5292

■ 217.5590, 2.1894,
-2.2442

■ 120.4330, 50.0725,
-53.8767

■ 231.1810, -4.5262,
5.1033

■ 106.8110, 56.7882,
-61.2242

■ 243.6070,
-10.6523, 9.9917

■ 92.6020, 63.7932,
-68.0570

■ 251.2380,
-14.4143, 3.2993

■ 83.4210, 68.3194,
-73.1602

Harmonies

Analogous

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



170.9420, 21.2276, -42.0451



175.8070, 22.7731, -24.3867



179.6250, 18.9189, -1.4251

Triad

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



175.8070, 22.7731, -24.3867



180.7830, -10.7390, 37.9013



172.0500, -9.3917, -21.0919

Complementary

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



175.8070, 22.7731, -24.3867



194.1930, -22.7731, 24.3867

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.



175.1790, -18.3292, -1.0340



175.8070, 22.7731, -24.3867



179.6760, -18.5743, 30.9791

Square

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



175.8070, 22.7731, -24.3867



181.6220, 0.1864, 33.6575



177.4910, -21.4411, 17.1094



169.7410, 2.5927, -38.3609

Rectangle

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



175.8070, 22.7731, -24.3867



181.3450, 13.6339, 13.7294



177.4910, -21.4411, 17.1094



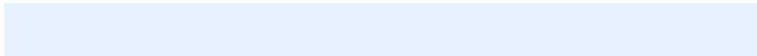
173.4700, -13.0497, -14.4442

Sweetspot

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



175.8070, 22.7731, -24.3867



239.3070, 7.7366, -8.1622



196.1120, -3.5062, -42.1942



117.9330, 4.9630, -5.2032



0.0000, 0.0000, 0.0000



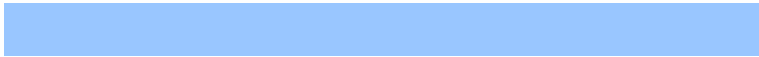
128.0000, 0.0000, 0.0000

Same Dimension

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



175.8070, 22.7731, -24.3867



191.0430, 31.5308, -33.3637



157.6320, 31.7334, -4.9393



105.1890, 3.3578, -3.6738



65.8500, 54.3040, -57.7504



18.3860, 14.5997, -16.1245

Inverse Universe

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



173.8880, 3.5062, 42.1942



188.6280, 4.6204, 58.2082



212.3680, -31.7334, 4.9393



104.8590, 0.5625, 6.2627



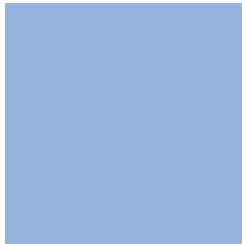
61.5160, 8.1266, 100.4025



16.8600, 2.5340, 27.3098

Previews

White Background



This preview shows how the YUV color 175.8070, 22.7731, -24.3867 looks on a white background.

Color Contrast Check

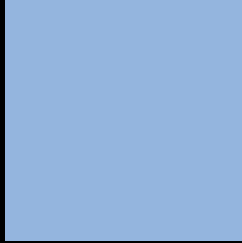
Large Text (above 18pt) WCAG AA × Fail

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 175.8070, 22.7731, -24.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

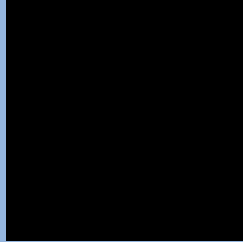
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

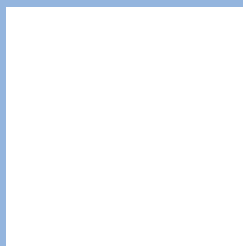
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 175.8070, 22.7731, -24.3867

Background



This preview shows how black text looks on a background with the YUV color 175.8070, 22.7731, -24.3867.



This preview shows how white text looks on a background with the YUV color 175.8070, 22.7731, -24.3867.

-24.3867.

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

175.8070, 22.7731, -24.3867

Protanopia

178.5100, 19.9616, -9.2173

Deuteranopia

178.6890, 21.8453, -6.7433



Tritanopia

174.1520, 12.7431, -27.3203

Trichromacy



Original Color

175.8070, 22.7731, -24.3867

Protanomaly

177.7050, 20.8514, -14.6503

Deuteranomaly

178.0580, 22.1564, -13.2059

Tritanomaly

175.0750, 16.2320, -26.3758

Monochromacy



Original Color

175.8070, 22.7731, -24.3867

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1220, 8.3209, -8.8770

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8070, 22.7731, -24.3867 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(148, 181, 222)` looks like.

```
.text, #text, p{  
    color:rgb(148, 181, 222)  
}
```

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(148, 181, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 181, 222) }
```

Border

The CSS property to change the border of an element to YUV 175.8070, 22.7731, -24.3867 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(148, 181, 222) }
```


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

```
.border{ border-color:rgb(148, 181, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 181, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 181, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 181, 222);  
box-shadow:4px 4px 4px 4px rgb(148, 181,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 175.8070, 22.7731, -24.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 181, 222) }
```

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

```
.background{ background-color: rgb(148,  
181, 222) }
```

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