

Converting Colors

YUV(187.6830, 24.3133,
-4.9840)

Have a look what the booklet for
YUV(187.6830, 24.3133, -4.9840)
contains.

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Color

**YUV(187.6830, 24.3133,
-4.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B5ED
RGB	182, 181, 237
RGB Percent	71%, 71%, 93%
CMY	0.2863, 0.2902, 0.0706
CMYK	0.23, 0.24, 0.00, 0.07
HSL	241°, 61%, 82%
HSV	241°, 24%, 93%
XYZ	51.1013, 49.1073, 86.9061
YIQ	187.6830, -17.3800, 17.6280

Conversions

Conversions Part 2

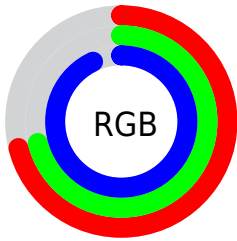
Format	Color
RYB	182, 181, 237
Decimal	11974125
CIELab	75.52, 12.10, -27.73
CIELCh	76, 30.254, 293.565
Yxy	49.1073, 0.2731, 0.2624
Android (android.graphics.Color)	4290164205 (0xFFB6B5ED)
YUV	187.6830, 24.3133, -4.9840
Hunter-Lab	70.0766, 7.5320, -24.4754

Details

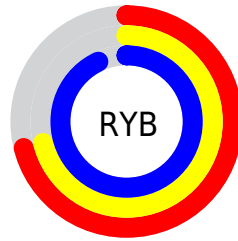
The YUV color **187.6830, 24.3133, -4.9840** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **230.3170, -24.3133, 4.9840**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.6500, 7.5676, -0.5700**, and **134.0420, 23.1503, -5.2988** is the 20% darker color. If you saturate the color by 10%, you get **166.7180, 34.6490, -6.7687**, and if you desaturate by 10%, it is **208.6480, 13.9775, -3.1993**.

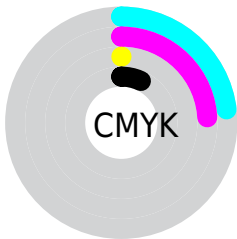
Distribution



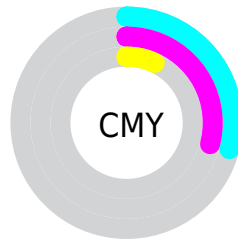
- Red (71%)
- Green (71%)
- Blue (93%)



- Red (71%)
- Yellow (71%)
- Blue (93%)



- Cyan (23%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (29%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6830, 24.3133, -4.9840 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 187.6830, 24.3133, -4.9840 by changing the saturation by 10% instead.

■ 187.6830, 24.3133,
-4.9840

■ 187.6830, 24.3133,
-4.9840

255.0000, 0.0000,
0.0000

■ 160.5690, 23.8765,
-4.8840

■ 239.6500, 7.5676,
-0.5700

■ 134.0420, 23.1503,
-5.2988

■ 108.5150, 22.4241,
-5.7137

■ 83.9880, 21.6979,
-6.1285

■ 60.1620, 21.1191,
-7.1581

■ 37.8090, 19.8142,
-8.6025

■ 15.0860, 19.6776,

-11.4764

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 187.6830, 24.3133,
-4.9840

■ 187.6830, 24.3133,
-4.9840

■ 166.7180, 34.6490,
-6.7687

■ 208.6480, 13.9775,
-3.1993

■ 146.0410, 44.8428,
-9.6830

■ 229.3250, 3.7838,
-0.2850

■ 125.0760, 55.1785,
-11.4677

■ 250.2900, -6.5520,
1.4997

■ 104.1110, 65.5143,
-13.2523

■ 252.9480, -7.8624,
1.7996

■ 83.7330, 75.5606,
-15.5518

■ 62.4690, 86.0438,
-17.9513

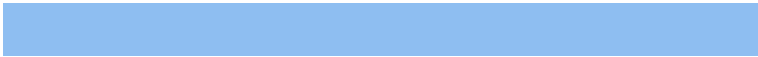
■ 41.5040, 96.3795,
-19.7360

■ 28.2140, 102.9315,
-21.2357

Harmonies

Analogous

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



181.4620, 29.3522, -34.6082



187.6830, 24.3133, -4.9840



190.5140, 14.0436, 22.3512

Triad

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



187.6830, 24.3133, -4.9840



187.4060, -22.3852, 39.9859



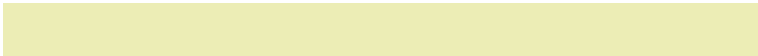
174.2730, 2.3304, -47.5974

Complementary

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



187.6830, 24.3133, -4.9840



230.3170, -24.3133, 4.9840

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.



178.7030, -13.1646, -24.2955



187.6830, 24.3133, -4.9840



185.1560, -26.6989, 23.5422

Square

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



187.6830, 24.3133, -4.9840



189.1970, -11.9291, 46.3082



182.1100, -23.7182, 0.7805



171.4850, 17.5089, -62.6923

Rectangle

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



187.6830, 24.3133, -4.9840



190.5390, 6.1433, 36.3613



182.1100, -23.7182, 0.7805



175.5360, -3.2222, -39.9351

Sweetspot

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



187.6830, 24.3133, -4.9840



239.0520, 7.8624, -1.7996



219.6690, 8.5442, -33.9127



118.2540, 4.8048, -1.0998



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.



187.6830, 24.3133, -4.9840



192.3930, 30.8653, -6.4837



196.0550, 20.1859, 12.2298



107.2540, 4.8048, -1.0998



21.5310, 78.6182, -16.2517



6.4550, 23.4397, -4.7840

Inverse Universe

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



204.0140, 15.7691, 28.9287



213.2090, 20.1100, 36.6507



221.9450, -20.1859, -12.2298



110.5430, 3.1833, 5.6628



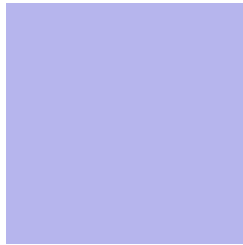
74.4110, 51.0694, 93.4786



22.1880, 15.1903, 27.8991

Previews

White Background



This preview shows how the YUV color 187.6830, 24.3133, -4.9840 looks on a white background.

Color Contrast Check

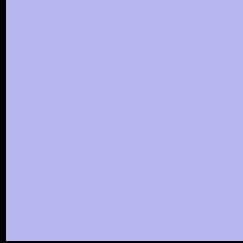
Large Text (above 18pt) WCAG AA × Fail

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 187.6830, 24.3133, -4.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

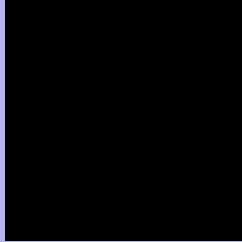
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.6830, 24.3133, -4.9840

Background



This preview shows how black text looks on a background with the YUV color 187.6830, 24.3133, -4.9840.



This preview shows how white text looks on a background with the YUV color 187.6830, 24.3133, -4.9840.

-4.9840.

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

187.6830, 24.3133, -4.9840

Protanopia

186.6820, 25.7928, -12.8761

Deuteranopia

186.7750, 24.7609, -8.5727



Tritanopia

185.1220, 8.3209, -8.8770

Trichromacy



Original Color

187.6830, 24.3133, -4.9840

Protanomaly

187.1770, 25.0557, -9.8022

Deuteranomaly

187.3730, 24.4661, -7.3431

Tritanomaly

186.3270, 14.1358, -7.3028

Monochromacy



Original Color

187.6830, 24.3133, -4.9840

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.6930, 9.0254, -1.4848

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6830, 24.3133, -4.9840 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(182, 181, 237)` looks like.

```
.text, #text, p{  
    color:rgb(182, 181, 237)  
}
```

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(182, 181, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 181, 237) }
```

Border

The CSS property to change the border of an element to YUV 187.6830, 24.3133, -4.9840 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(182, 181, 237) }
```


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

```
.border{ border-color:rgb(182, 181, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 181, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 181, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 181, 237);  
box-shadow:4px 4px 4px 4px rgb(182, 181,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 187.6830, 24.3133, -4.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 181, 237) }
```

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

```
.background{ background-color: rgb(182,  
181, 237) }
```

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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