

Converting Colors

YUV(190.6870, 31.7063, 3.7825)

Have a look what the booklet for
YUV(190.6870, 31.7063, 3.7825)
contains.

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Color

**YUV(190.6870, 31.7063,
3.7825)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B0FF
RGB	195, 176, 255
RGB Percent	76%, 69%, 100%
CMY	0.2353, 0.3098, 0.0000
CMYK	0.24, 0.31, 0.00, 0.00
HSL	254°, 100%, 85%
HSV	254°, 31%, 100%
XYZ	56.0810, 49.8728, 101.2784
YIQ	190.6870, -14.0350, 28.5970

Conversions

Conversions Part 2

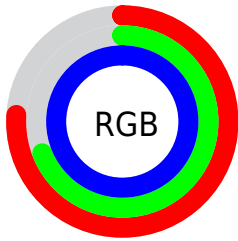
Format	Color
RYB	195, 176, 255
Decimal	12824831
CIELab	75.99, 22.86, -36.63
CIELCh	76, 43.172, 301.965
Yxy	49.8728, 0.2706, 0.2407
Android (android.graphics.Color)	4291014911 (0xFFC3B0FF)
YUV	190.6870, 31.7063, 3.7825
Hunter-Lab	70.6207, 18.1636, -35.5944

Details

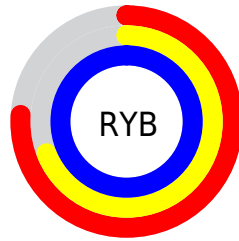
The YUV color **190.6870, 31.7063, 3.7825** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **240.3130, -31.7063, -3.7825**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9010, 6.9508, 10.6108**, and **136.6330, 30.2539, 2.9529** is the 20% darker color. If you saturate the color by 10%, you get **169.7440, 42.0312, 5.4865**, and if you desaturate by 10%, it is **211.6300, 21.3814, 2.0785**.

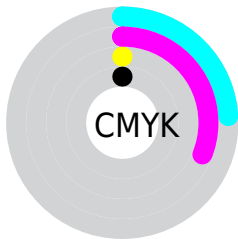
Distribution



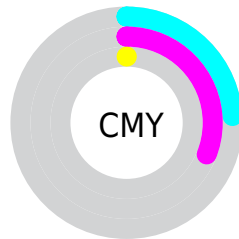
- Red (76%)
- Green (69%)
- Blue (100%)



- Red (76%)
- Yellow (69%)
- Blue (100%)



- Cyan (24%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.6870, 31.7063, 3.7825 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 190.6870, 31.7063, 3.7825 by changing the saturation by 10% instead.

■ 190.6870, 31.7063,
3.7825

■ 190.6870, 31.7063,
3.7825

255.0000, 0.0000,
0.0000

■ 163.1600, 30.9801,
3.3677

■ 240.9010, 6.9508,
10.6108

■ 136.6330, 30.2539,
2.9529

■ 110.6930, 29.2384,
2.0232

■ 85.8670, 28.6596,
0.9936

■ 62.5140, 27.3546,
-0.4508

■ 38.9760, 26.6338,
-2.6100

■ 14.9430, 26.6501,

-7.8430

■ 5.2440, 20.0927,
-4.5990

■ 3.3230, 10.1938,
-2.9143

■ 190.6870, 31.7063,
3.7825

■ 190.6870, 31.7063,
3.7825

■ 169.7440, 42.0312,
5.4865

■ 211.6300, 21.3814,
2.0785

■ 149.0890, 52.2141,
6.0609

■ 232.2850, 11.1985,
1.5041

■ 128.1460, 62.5390,
7.7650

■ 253.2280, 0.8736,
-0.2000

■ 107.7900, 72.5745,
8.9542

■ 255.0000, 0.0000,
0.0000

■ 87.1350, 82.7574,
9.5286

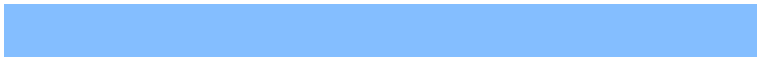
■ 66.1920, 93.0823,
11.2326

■ 47.3090, 102.3917,
12.0070

Harmonies

Analogous

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



180.0680, 36.9415, -42.1556



190.6870, 31.7063, 3.7825



192.5040, 16.0205, 41.6540

Triad

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



190.6870, 31.7063, 3.7825



187.0730, -34.0530, 49.0480



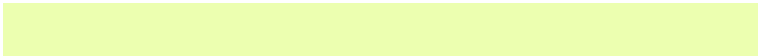
160.9840, 13.8119, -90.3170

Complementary

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



190.6870, 31.7063, 3.7825



240.3130, -31.7063, -3.7825

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.



173.2010, -11.9311, -46.6573



190.6870, 31.7063, 3.7825



184.1700, -38.0448, 22.6529

Square

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



190.6870, 31.7063, 3.7825



186.9230, -19.6820, 59.7035



179.6220, -30.3796, -9.3155



147.5010, 39.6860, -129.3584

Rectangle

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



190.6870, 31.7063, 3.7825



191.2040, 4.3364, 55.9491



179.6220, -30.3796, -9.3155



166.2650, 4.3064, -74.7774

Sweetspot

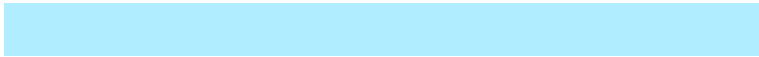
The Sweet Spot groups the original color and five complimentary colors.



190.6870, 31.7063, 3.7825



236.4160, 9.1619, 1.3892



220.8130, 16.8542, -39.3010



115.9060, 5.9623, 0.9594



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.



190.6870, 31.7063, 3.7825



178.2940, 37.8161, 4.1272



202.3480, 25.9574, 27.7588



117.3790, 5.2362, 0.5446



35.5280, 76.6477, 9.1839



11.7810, 25.7440, 2.8231

Inverse Universe

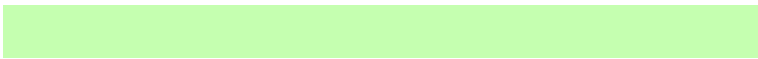
The Inverse Universe completely reimagines the original color for something new.



206.4610, 14.5627, 42.5687



197.2000, 17.1564, 50.6906



228.6520, -25.9574, -27.7588



119.9130, 2.0149, 7.0923



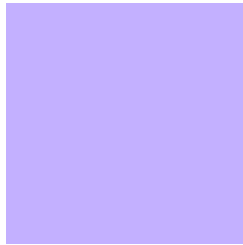
73.6390, 35.1810, 102.9256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 190.6870, 31.7063, 3.7825 looks on a white background.

Color Contrast Check

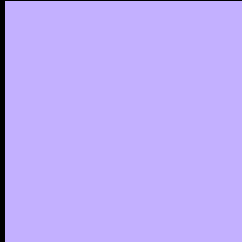
Large Text (above 18pt) WCAG AA × Fail

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 190.6870, 31.7063, 3.7825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

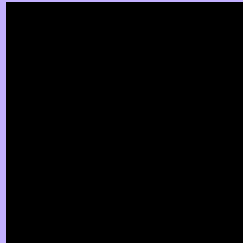
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.6870, 31.7063, 3.7825

Background



This preview shows how black text looks on a background with the YUV color 190.6870, 31.7063, 3.7825.

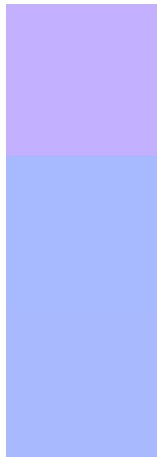


This preview shows how white text looks on a background with the YUV color 190.6870, 31.7063,

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

190.6870, 31.7063, 3.7825

Protanopia

187.5980, 33.2292, -18.0644

Deuteranopia

187.6690, 32.2082, -17.2497



Tritanopia

187.4110, 6.6994, -2.1144

Trichromacy



Original Color

190.6870, 31.7063, 3.7825

Protanomaly

188.8270, 32.6233, -10.3723

Deuteranomaly

189.0120, 32.0391, -9.6575

Tritanomaly

188.5390, 16.0033, 0.4043

Monochromacy



Original Color

190.6870, 31.7063, 3.7825

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.9860, 11.3459, 0.8893

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.6870, 31.7063, 3.7825 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(195, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 176, 255)  
}
```

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(195, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 176, 255) }
```

Border

The CSS property to change the border of an element to YUV 190.6870, 31.7063, 3.7825 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(195, 176, 255) }
```


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

```
.border{ border-color:rgb(195, 176, 255) }
```

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

Here you see how a box with a 4 pixel rgb(195, 176, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 176,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 190.6870, 31.7063, 3.7825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 176, 255) }
```

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

```
.background{ background-color: rgb(195,  
176, 255) }
```

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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