

Converting Colors

YUV(181.7830, 15.8830,
-7.7027)

Have a look what the booklet for
YUV(181.7830, 15.8830, -7.7027)
contains.

YUV(181.7830, 15.8830, -7.7027)	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(181.7830, 15.8830,
-7.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB4D6
RGB	173, 180, 214
RGB Percent	68%, 71%, 84%
CMY	0.3216, 0.2941, 0.1608
CMYK	0.19, 0.16, 0.00, 0.16
HSL	230°, 33%, 76%
HSV	230°, 19%, 84%
XYZ	45.6924, 46.3818, 70.1627
YIQ	181.7830, -15.0860, 9.0900

Conversions

Conversions Part 2

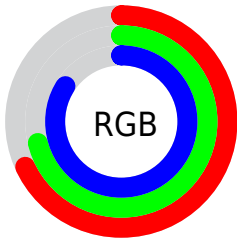
Format	Color
R_{YB}	173, 179, 214
Decimal	11384022
CIE _{Lab}	73.79, 4.65, -17.93
CIE _{LCh}	74, 18.526, 284.535
Yxy	46.3818, 0.2816, 0.2859
Android (android.graphics.Color)	4289574102 (0xFFADB4D6)
YUV	181.7830, 15.8830, -7.7027
Hunter-Lab	68.1042, 0.5769, -13.4091

Details

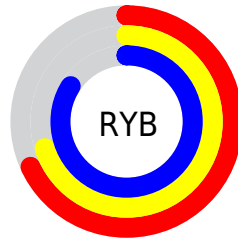
The YUV color **181.7830, 15.8830, -7.7027** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **205.2170, -15.8830, 7.7027**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0730, 9.3310, -6.2030**, and **128.5550, 15.0094, -7.5027** is the 20% darker color. If you saturate the color by 10%, you get **164.9380, 24.1876, -11.3466**, and if you desaturate by 10%, it is **198.6280, 7.5784, -4.0588**.

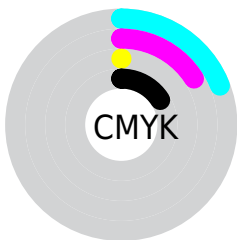
Distribution



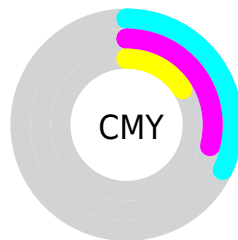
- Red (68%)
- Green (71%)
- Blue (84%)



- Red (68%)
- Yellow (70%)
- Blue (84%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (32%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.7830, 15.8830, -7.7027 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 181.7830, 15.8830, -7.7027 by changing the saturation by 10% instead.

■ 181.7830, 15.8830,
-7.7027

■ 181.7830, 15.8830,
-7.7027

255.0000, 0.0000,
0.0000

■ 154.6690, 15.4462,
-7.6027

■ 236.0730, 9.3310,
-6.2030

■ 128.5550, 15.0094,
-7.5027

■ 103.4410, 14.5726,
-7.4028

■ 79.3270, 14.1358,
-7.3028

■ 56.3870, 13.1202,
-8.2324

■ 34.2730, 12.6834,
-8.1324

■ 11.9740, 12.8308,

-8.7472

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 181.7830, 15.8830,
-7.7027

■ 181.7830, 15.8830,
-7.7027

■ 164.9380, 24.1876,
-11.3466

■ 198.6280, 7.5784,
-4.0588

■ 148.3810, 32.3502,
-16.1201

■ 215.1850, -0.5842,
0.7148

■ 131.5360, 40.6548,
-19.7641

■ 232.0300, -8.8888,
4.3587

■ 114.3920, 49.1067,
-24.0228

■ 247.9780,
-16.7512, 6.1583

■ 97.5470, 57.4113,
-27.6667

■ 250.3260,
-17.9087, 4.0991

■ 81.2890, 65.4265,
-31.8255

■ 64.1450, 73.8785,
-36.0842

■ 47.3000, 82.1831,
-39.7281

■ 46.1150, 82.7673,
-40.4429

Harmonies

Analogous

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



179.0260, 17.2422, -23.7018



181.7830, 15.8830, -7.7027



183.6280, 11.0294, 9.0962

Triad

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



181.7830, 15.8830, -7.7027



182.9620, -12.3063, 27.2203



176.2760, -2.1081, -23.9211

Complementary

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



181.7830, 15.8830, -7.7027



205.2170, -15.8830, 7.7027

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.



177.8880, -10.2978, -10.4258



181.7830, 15.8830, -7.7027



181.5820, -16.0629, 18.7836

Square

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



181.7830, 15.8830, -7.7027



184.5090, -5.1809, 28.4946



179.9070, -15.7302, 5.3436



174.6260, 7.0864, -32.9980

Rectangle

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



181.7830, 15.8830, -7.7027



184.3150, 5.7607, 19.0177



179.9070, -15.7302, 5.3436



176.5000, -5.1765, -19.7325

Sweetspot

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



181.7830, 15.8830, -7.7027



242.8840, 5.9732, -2.5293



200.8290, 2.5493, -24.4060



120.6130, 3.6418, -1.4146



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.



181.7830, 15.8830, -7.7027



208.5960, 22.8772, -11.0467



181.5610, 15.9924, 3.8930



98.4280, 4.2260, -2.1294



36.5170, 66.3001, -32.0254



9.0110, 16.7566, -7.9026

Inverse Universe

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



186.0570, -2.9861, 24.5060



214.7810, -4.3290, 35.2721



205.4390, -15.9924, -3.8930



99.5170, -0.7479, 6.5626



54.4350, -12.5395, 102.2275



13.6550, -3.2809, 25.7356

Previews

White Background



This preview shows how the YUV color 181.7830, 15.8830, -7.7027 looks on a white background.

Color Contrast Check

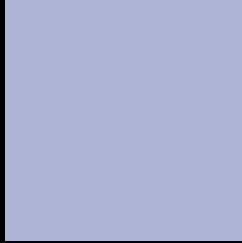
Large Text (above 18pt) WCAG AA × Fail

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 181.7830, 15.8830, -7.7027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

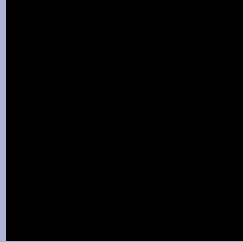
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.7830, 15.8830, -7.7027

Background



This preview shows how black text looks on a background with the YUV color 181.7830, 15.8830, -7.7027.



This preview shows how white text looks on a background with the YUV color 181.7830, 15.8830,

-7.7027.

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

181.7830, 15.8830, -7.7027

Protanopia

182.0820, 15.7356, -7.0879

Deuteranopia

182.8270, 15.8613, -0.7253



Tritanopia

180.7090, 8.0315, -9.3918

Trichromacy



Original Color

181.7830, 15.8830, -7.7027

Protanomaly

182.0820, 15.7356, -7.0879

Deuteranomaly

182.5170, 16.0141, -3.0844

Tritanomaly

181.1050, 10.7942, -8.8621

Monochromacy



Original Color

181.7830, 15.8830, -7.7027

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.8840, 5.9732, -2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.7830, 15.8830, -7.7027 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(173, 180, 214)` looks like.

```
.text, #text, p{  
    color:rgb(173, 180, 214)  
}
```

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(173, 180, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 214) }
```

Border

The CSS property to change the border of an element to YUV 181.7830, 15.8830, -7.7027 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(173, 180, 214) }
```


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

```
.border{ border-color:rgb(173, 180, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 180, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 214);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 181.7830, 15.8830, -7.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 214) }
```

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

```
.background{ background-color: rgb(173,  
180, 214) }
```

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