

Converting Colors

YUV(181.8530, 19.7925,
-1.6251)

Have a look what the booklet for
YUV(181.8530, 19.7925, -1.6251)
contains.

YUV(181.8530, 19.7925, -1.6251)	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(181.8530, 19.7925,
-1.6251)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AFDE
RGB	180, 175, 222
RGB Percent	71%, 69%, 87%
CMY	0.2941, 0.3137, 0.1294
CMYK	0.19, 0.21, 0.00, 0.13
HSL	246°, 42%, 78%
HSV	246°, 21%, 87%
XYZ	47.3372, 45.6372, 75.4212
YIQ	181.8530, -12.1070, 15.6770

Conversions

Conversions Part 2

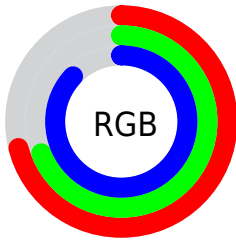
Format	Color
RYB	180, 175, 222
Decimal	11841502
CIELab	73.31, 11.38, -22.98
CIELCh	73, 25.640, 296.340
Yxy	45.6372, 0.2811, 0.2710
Android (android.graphics.Color)	4290031582 (0xFFB4AFDE)
YUV	181.8530, 19.7925, -1.6251
Hunter-Lab	67.5553, 6.8563, -18.9048

Details

The YUV color $181.8530, 19.7925, -1.6251$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $215.1470, -19.7925, 1.6251$, and the grayscale version is $182.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.2310, 9.7461, 0.6744$, and $129.2120, 18.6295, -1.9399$ is the 20% darker color. If you saturate the color by 10%, you get $162.9590, 29.1072, -2.5950$, and if you desaturate by 10%, it is $200.7470, 10.4777, -0.6551$.

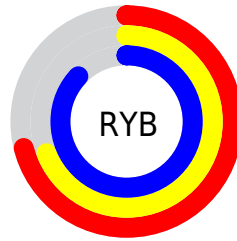
Distribution



Red (71%)

Green (69%)

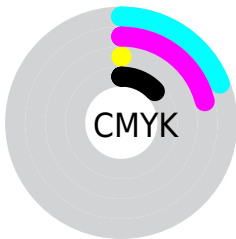
Blue (87%)



Red (71%)

Yellow (69%)

Blue (87%)

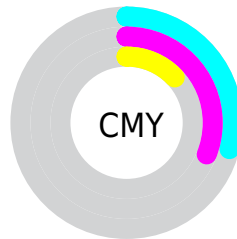


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (29%)

Magenta (31%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.8530, 19.7925, -1.6251 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 181.8530, 19.7925, -1.6251 by changing the saturation by 10% instead.

■ 181.8530, 19.7925,
-1.6251

■ 181.8530, 19.7925,
-1.6251

255.0000, 0.0000,
0.0000

■ 154.7390, 19.3557,
-1.5251

■ 235.2310, 9.7461,
0.6744

■ 129.2120, 18.6295,
-1.9399

■ 103.6850, 17.9033,
-2.3547

■ 79.2720, 17.6139,
-2.8695

■ 56.0440, 16.7403,
-2.6696

■ 33.8050, 15.8721,
-4.2140

■ 10.9300, 16.3035,

-2.5696

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 181.8530, 19.7925,
-1.6251

■ 181.8530, 19.7925,
-1.6251

■ 162.9590, 29.1072,
-2.5950

■ 200.7470, 10.4777,
-0.6551

■ 144.0650, 38.4220,
-3.5650

■ 219.6410, 1.1630,
0.3148

■ 124.5840, 48.0261,
-4.0202

■ 239.1220, -8.4411,
0.7700

■ 105.9890, 57.1934,
-4.3754

■ 251.2380,
-14.4143, 3.2993

■ 87.0950, 66.5082,
-5.3453

■ 68.2010, 75.8229,
-6.3153

■ 49.3070, 85.1376,
-7.2852

■ 32.4840, 93.4314,
-7.4405

Harmonies

Analogous

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



177.1380, 24.0890, -26.4310



181.8530, 19.7925, -1.6251



183.7050, 10.9914, 21.3067

Triad

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



181.8530, 19.7925, -1.6251



181.4590, -19.4533, 32.9235



170.4310, 2.7455, -40.7200

Complementary

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



181.8530, 19.7925, -1.6251



215.1470, -19.7925, 1.6251

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.



173.2240, -9.9704, -22.1214



181.8530, 19.7925, -1.6251



178.8610, -22.6095, 18.5389

Square

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



181.8530, 19.7925, -1.6251



182.6800, -11.1812, 39.7456



176.6520, -19.0554, -1.4488



169.2800, 15.1450, -51.1116

Rectangle

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



181.8530, 19.7925, -1.6251



183.9360, 3.9756, 31.6281



176.6520, -19.0554, -1.4488



171.6120, -1.7807, -35.6167

Sweetspot

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



181.8530, 19.7925, -1.6251



242.0090, 6.4046, -0.8849



205.0120, 8.3751, -26.3205



120.3250, 3.7838, -0.2850



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.



181.8530, 19.7925, -1.6251



200.3890, 26.9232, -2.0952



188.7300, 16.4021, 12.5148



102.5530, 4.6574, -0.4850



25.7450, 74.0757, -5.9154



6.9670, 20.2293, -1.7251

Inverse Universe

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



193.8410, 11.4174, 24.6954



216.6340, 15.4634, 33.6470



208.2700, -16.4021, -12.5148



105.4290, 2.7465, 5.7628



70.5220, 42.6337, 92.5042



19.2540, 11.7068, 25.2102

Previews

White Background



This preview shows how the YUV color 181.8530, 19.7925, -1.6251 looks on a white background.

Color Contrast Check

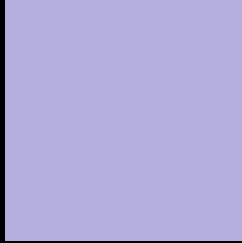
Large Text (above 18pt) WCAG AA × Fail

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 181.8530, 19.7925, -1.6251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

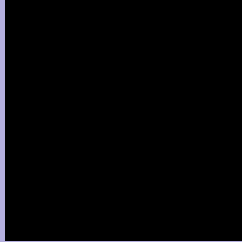
Any Text WCAG AA ✓ Pass

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 181.8530, 19.7925, -1.6251 Background



This preview shows how black text looks on a background with the YUV color 181.8530, 19.7925, -1.6251.



This preview shows how white text looks on a background with the YUV color 181.8530, 19.7925, -1.6251.

-1.6251.

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

181.8530, 19.7925, -1.6251

Protanopia

180.5530, 21.4194, -10.1320

Deuteranopia

181.2440, 20.0927, -4.5990



Tritanopia

180.1010, 6.8522, -4.4736

Trichromacy



Original Color

181.8530, 19.7925, -1.6251

Protanomaly

181.0480, 20.6823, -7.0581

Deuteranomaly

181.5430, 19.9453, -3.9842

Tritanomaly

180.6650, 11.5042, -3.2142

Monochromacy



Original Color

181.8530, 19.7925, -1.6251

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.6500, 7.5675, -0.5701

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.8530, 19.7925, -1.6251 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(180, 175, 222)` looks like.

```
.text, #text, p{  
    color:rgb(180, 175, 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(180, 175, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 175, 222) }
```

Border

The CSS property to change the border of an element to YUV 181.8530, 19.7925, -1.6251 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(180, 175, 222) }
```


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

```
.border{ border-color:rgb(180, 175, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 175, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 175, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 175, 222); box-shadow:4px 4px 4px 4px rgb(180, 175, 222) }
```

Background

The CSS property to change the background color of an element to YUV 181.8530, 19.7925, -1.6251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 175, 222) }
```

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

```
.background{ background-color: rgb(180,  
175, 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