

Converting Colors

YUV(180.3870, 29.8822,
-17.8794)

Have a look what the booklet for
YUV(180.3870, 29.8822, -17.8794)
contains.

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Color

**YUV(180.3870, 29.8822,
-17.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B3F1
RGB	160, 179, 241
RGB Percent	63%, 70%, 95%
CMY	0.3725, 0.2980, 0.0549
CMYK	0.34, 0.26, 0.00, 0.05
HSL	226°, 74%, 79%
HSV	226°, 34%, 95%
XYZ	46.4945, 46.0647, 89.6599
YIQ	180.3870, -31.2260, 15.2540

Conversions

Conversions Part 2

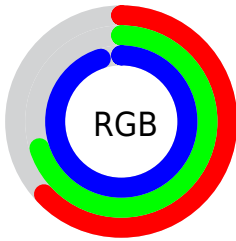
Format	Color
R_{YB}	160, 175, 241
Decimal	10531825
CIE Lab	73.59, 7.81, -33.00
CIE LCh	74, 33.911, 283.319
Yxy	46.0647, 0.2552, 0.2528
Android (android.graphics.Color)	4288721905 (0xFFA0B3F1)
YUV	180.3870, 29.8822, -17.8794
Hunter-Lab	67.8709, 3.5059, -30.8145

Details

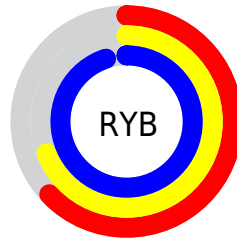
The YUV color **180.3870, 29.8822, -17.8794** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **220.6130, -29.8822, 17.8794**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5990, 11.5367, -13.6803**, and **126.7460, 28.7192, -18.1942** is the 20% darker color. If you saturate the color by 10%, you get **162.6450, 38.6290, -23.3677**, and if you desaturate by 10%, it is **198.1290, 21.1354, -12.3911**.

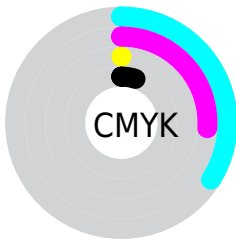
Distribution



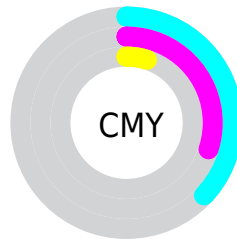
- Red (63%)
- Green (70%)
- Blue (95%)



- Red (63%)
- Yellow (69%)
- Blue (95%)



- Cyan (34%)
- Magenta (26%)
- Yellow (0%)
- Black (5%)



- Cyan (37%)
- Magenta (30%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3870, 29.8822, -17.8794 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 180.3870, 29.8822, -17.8794 by changing the saturation by 10% instead.

■ 180.3870, 29.8822,
-17.8794

■ 180.3870, 29.8822,
-17.8794

255.0000, 0.0000,
0.0000

■ 153.2730, 29.4454,
-17.7794

■ 231.5990, 11.5367,
-13.6803

■ 126.7460, 28.7192,
-18.1942

■ 252.3090, 1.3267,
-5.5330

■ 101.5070, 27.8510,
-19.7386

■ 76.5670, 26.8355,
-20.6683

■ 51.2460, 26.9937,
-24.7717

■ 29.1920, 25.5413,
-25.6014

■ 13.6560, 21.8616,

-11.9763

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 180.3870, 29.8822,
-17.8794

■ 180.3870, 29.8822,
-17.8794

■ 162.6450, 38.6290,
-23.3677

■ 198.1290, 21.1354,
-12.3911

■ 144.3160, 47.6652,
-28.3411

■ 216.4580, 12.0992,
-7.4177

■ 126.5740, 56.4120,
-33.8294

■ 234.2000, 3.3524,
-1.9294

■ 108.2450, 65.4482,
-38.8029

■ 252.2300, -5.5364,
2.4293

■ 90.5030, 74.1950,
-44.2911

■ 253.4040, -6.1152,
1.3997

■ 71.8750, 83.3786,
-49.8794

■ 60.9330, 88.7730,
-53.4382

Harmonies

Analogous

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



171.7910, 33.6270, -52.4367



180.3870, 29.8822, -17.8794



184.7780, 20.3224, 15.1037

Triad

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



180.3870, 29.8822, -17.8794



182.5040, -20.9545, 47.7930



168.7910, -3.3480, -46.2977

Complementary

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



180.3870, 29.8822, -17.8794



220.6130, -29.8822, 17.8794

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.



174.1400, -19.2960, -17.6628



180.3870, 29.8822, -17.8794



180.6410, -28.9100, 32.7638

Square

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



180.3870, 29.8822, -17.8794



183.9680, -7.8722, 51.7711



177.3130, -28.2553, 9.3725



163.1590, 15.2046, -70.2994

Rectangle

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



180.3870, 29.8822, -17.8794



185.5970, 11.5377, 32.8024



177.3130, -28.2553, 9.3725



170.3640, -9.0535, -36.2762

Sweetspot

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



180.3870, 29.8822, -17.8794



235.7850, 9.4730, -5.0734



214.5010, 3.2040, -47.7974



116.1720, 5.8312, -3.6588



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.



180.3870, 29.8822, -17.8794



178.7160, 37.6080, -22.5529



175.2140, 32.4325, 4.1973



111.1290, 4.3734, -2.7441



46.2170, 67.9270, -40.5323



14.0150, 20.6986, -12.2912

Inverse Universe

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



186.3850, -3.6408, 47.8974



186.2340, -4.5524, 60.3078



225.7860, -32.4325, -4.1973



111.9300, -0.4585, 7.0774



59.9180, -8.3406, 108.8199



18.2260, -2.5764, 33.1278

Previews

White Background



This preview shows how the YUV color 180.3870, 29.8822, -17.8794 looks on a white background.

Color Contrast Check

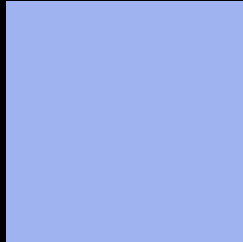
Large Text (above 18pt) WCAG AA × Fail

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 180.3870, 29.8822, -17.8794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

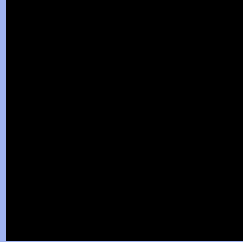
Any Text WCAG AA ✓ Pass

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 180.3870, 29.8822, -17.8794 Background



This preview shows how black text looks on a background with the YUV color 180.3870, 29.8822, -17.8794.



This preview shows how white text looks on a background with the YUV color 180.3870, 29.8822, -17.8794.

-17.8794.

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

180.3870, 29.8822, -17.8794

Protanopia

180.5830, 29.2926, -15.4203

Deuteranopia

180.9960, 29.5820, -14.9055



Tritanopia

177.2450, 11.7112, -23.0169

Trichromacy



Original Color

180.3870, 29.8822, -17.8794

Protanomaly

180.2840, 29.4400, -16.0351

Deuteranomaly

180.6970, 29.7294, -15.5203

Tritanomaly

178.0910, 18.6891, -21.1278

Monochromacy



Original Color

180.3870, 29.8822, -17.8794

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.4150, 10.6414, -6.5030

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3870, 29.8822, -17.8794 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(160, 179, 241)` looks like.

```
.text, #text, p{  
    color:rgb(160, 179, 241)  
}
```

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(160, 179, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 179, 241) }
```

Border

The CSS property to change the border of an element to YUV 180.3870, 29.8822, -17.8794 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(160, 179, 241) }
```


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

```
.border{ border-color:rgb(160, 179, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 179, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 179, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 179, 241);  
box-shadow:4px 4px 4px 4px rgb(160, 179,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 180.3870, 29.8822, -17.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 179, 241) }
```

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

```
.background{ background-color: rgb(160,  
179, 241) }
```

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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