

Converting Colors

YUV(172.4310, 29.8605,
-10.9020)

Have a look what the booklet for
YUV(172.4310, 29.8605, -10.9020)
contains.

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Color

**YUV(172.4310, 29.8605,
-10.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A7E9
RGB	160, 167, 233
RGB Percent	63%, 65%, 91%
CMY	0.3725, 0.3451, 0.0863
CMYK	0.31, 0.28, 0.00, 0.09
HSL	234°, 62%, 77%
HSV	234°, 31%, 91%
XYZ	43.0239, 40.9942, 82.7359
YIQ	172.4310, -25.3580, 19.0420

Conversions

Conversions Part 2

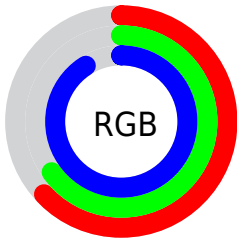
Format	Color
R_{YB}	160, 166, 233
Decimal	10528745
CIE _{Lab}	70.17, 12.48, -33.93
CIE _{LCh}	70, 36.154, 290.189
Yxy	40.9942, 0.2580, 0.2458
Android (android.graphics.Color)	4288718825 (0xFFA0A7E9)
YUV	172.4310, 29.8605, -10.9020
Hunter-Lab	64.0267, 7.8995, -31.7963

Details

The YUV color $172.4310, 29.8605, -10.9020$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $220.5690, -29.8605, 10.9020$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $223.9680, 15.2988, -6.9879$, and $119.3770, 28.4081, -11.7316$ is the 20% darker color. If you saturate the color by 10%, you get $153.2270, 39.3281, -14.2311$, and if you desaturate by 10%, it is $191.6350, 20.3929, -7.5729$.

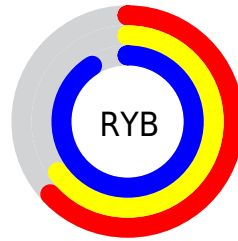
Distribution



Red (63%)

Green (65%)

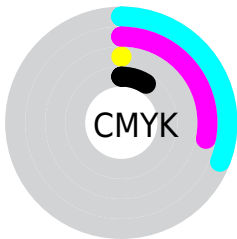
Blue (91%)



Red (63%)

Yellow (65%)

Blue (91%)

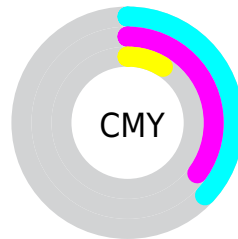


Cyan (31%)

Magenta (28%)

Yellow (0%)

Black (9%)



Cyan (37%)

Magenta (35%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.4310, 29.8605, -10.9020 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 172.4310, 29.8605, -10.9020 by changing the saturation by 10% instead.

■ 172.4310, 29.8605,
-10.9020

■ 172.4310, 29.8605,
-10.9020

■ 255.0000, 0.0000,
0.0000

■ 145.9040, 29.1343,
-11.3168

■ 223.9680, 15.2988,
-6.9879

■ 119.3770, 28.4081,
-11.7316

■ 249.6620, 2.6316,
-4.0886

■ 94.4370, 27.3926,
-12.6612

■ 69.6110, 26.8138,
-13.6908

■ 45.4750, 26.3878,
-17.0796

■ 23.2250, 25.5251,
-20.3683

■ 5.9280, 22.7135,

-5.1989

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 172.4310, 29.8605,
-10.9020

■ 172.4310, 29.8605,
-10.9020

■ 153.2270, 39.3281,
-14.2311

■ 191.6350, 20.3929,
-7.5729

■ 133.7240, 48.9431,
-18.1749

■ 211.1380, 10.7780,
-3.6290

■ 114.5200, 58.4106,
-21.5040

■ 230.3420, 1.3104,
-0.2999

■ 95.3160, 67.8782,
-24.8331

■ 249.5460, -8.1572,
3.0292

■ 76.1120, 77.3458,
-28.1622

■ 252.4920, -9.6096,
2.1995

■ 56.6090, 86.9608,
-32.1061

■ 39.4760, 95.4073,
-34.6205

Harmonies

Analogous

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



163.3830, 35.8002, -49.4479



172.4310, 29.8605, -10.9020



175.7790, 18.8430, 22.9958

Triad

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



172.4310, 29.8605, -10.9020



172.4670, -24.8802, 46.9484



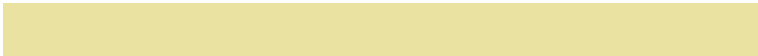
156.5770, 1.1945, -56.6340

Complementary

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



172.4310, 29.8605, -10.9020



220.5690, -29.8605, 10.9020

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.



162.3670, -16.9429, -25.7549



172.4310, 29.8605, -10.9020



170.3370, -31.2251, 28.6455

Square

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



172.4310, 29.8605, -10.9020



173.9530, -11.8088, 54.4152



166.8670, -28.5284, 3.6246



148.1940, 22.0894, -85.2391

Rectangle

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



172.4310, 29.8605, -10.9020



176.0710, 9.3320, 40.2797



166.8670, -28.5284, 3.6246



158.9220, -5.3845, -46.4126

Sweetspot

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



172.4310, 29.8605, -10.9020



235.7960, 9.4676, -3.3291



210.3750, 7.7031, -44.1789



115.8840, 5.9732, -2.5293



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.



172.4310, 29.8605, -10.9020



174.3410, 39.7649, -14.3311



176.9930, 27.6115, 10.5301



107.8410, 4.5154, -1.6146



30.6130, 74.1408, -26.8476



9.0910, 22.1401, -7.9728

Inverse Universe

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



182.6250, -7.7031, 44.1789



188.0290, -10.3673, 58.7336



216.0070, -27.6115, -10.5301



109.4030, -1.1847, 6.6626



56.0570, -19.2551, 109.5750



16.7160, -5.7760, 32.6981

Previews

White Background



This preview shows how the YUV color 172.4310, 29.8605, -10.9020 looks on a white background.

Color Contrast Check

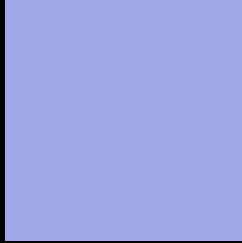
Large Text (above 18pt) WCAG AA × Fail

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 172.4310, 29.8605, -10.9020 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 172.4310, 29.8605, -10.9020

Background



This preview shows how black text looks on a background with the YUV color 172.4310, 29.8605, -10.9020.



This preview shows how white text looks on a background with the YUV color 172.4310, 29.8605, -10.9020.

-10.9020.

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

172.4310, 29.8605, -10.9020

Protanopia

171.4410, 31.3346, -17.0498

Deuteranopia

171.5120, 30.3136, -16.2350



Tritanopia

169.4200, 9.6529, -16.1543

Trichromacy



Original Color

172.4310, 29.8605, -10.9020

Protanomaly

171.6370, 30.7450, -14.5906

Deuteranomaly

171.8220, 30.1608, -13.8759

Tritanomaly

170.3800, 17.0677, -14.3653

Monochromacy



Original Color

172.4310, 29.8605, -10.9020

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1380, 10.7780, -3.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4310, 29.8605, -10.9020 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, 167, 233)` looks like.

```
.text, #text, p{  
    color:rgb(160, 167, 233)  
}
```

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, 167, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 167, 233) }
```

Border

The CSS property to change the border of an element to YUV 172.4310, 29.8605, -10.9020 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, 167, 233) }
```


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

```
.border{ border-color:rgb(160, 167, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 167, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 167, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 167, 233);  
box-shadow:4px 4px 4px 4px rgb(160, 167,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 172.4310, 29.8605, -10.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 167, 233) }
```

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

```
.background{ background-color: rgb(160,  
167, 233) }
```

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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