

Converting Colors

YUV(172.6810, 30.7233,
-7.6132)

Have a look what the booklet for
YUV(172.6810, 30.7233, -7.6132)
contains.

YUV(172.6810, 30.7233, -7.6132)	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(172.6810, 30.7233,
-7.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A5EB
RGB	164, 165, 235
RGB Percent	64%, 65%, 92%
CMY	0.3569, 0.3529, 0.0784
CMYK	0.30, 0.30, 0.00, 0.08
HSL	239°, 64%, 78%
HSV	239°, 30%, 92%
XYZ	43.7604, 40.8009, 84.1662
YIQ	172.6810, -23.0660, 21.5580

Conversions

Conversions Part 2

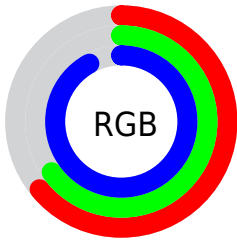
Format	Color
RYB	164, 165, 235
Decimal	10790379
CIELab	70.04, 15.24, -35.21
CIELCh	70, 38.369, 293.404
Yxy	40.8009, 0.2594, 0.2418
Android (android.graphics.Color)	4288980459 (0xFFA4A5EB)
YUV	172.6810, 30.7233, -7.6132
Hunter-Lab	63.8756, 10.5058, -33.4110

Details

The YUV color **172.6810, 30.7233, -7.6132** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **226.3190, -30.7233, 7.6132**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9900, 15.2879, -3.4992**, and **119.6270, 29.2709, -8.4429** is the 20% darker color. If you saturate the color by 10%, you get **152.3030, 40.7696, -9.9127**, and if you desaturate by 10%, it is **193.3580, 20.5295, -4.6990**.

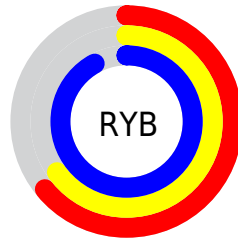
Distribution



Red (64%)

Green (65%)

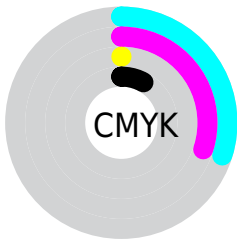
Blue (92%)



Red (64%)

Yellow (65%)

Blue (92%)

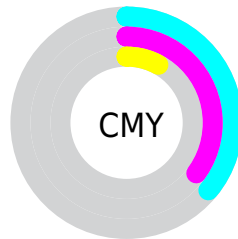


Cyan (30%)

Magenta (30%)

Yellow (0%)

Black (8%)



Cyan (36%)

Magenta (35%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.6810, 30.7233, -7.6132 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 172.6810, 30.7233, -7.6132 by changing the saturation by 10% instead.

■ 172.6810, 30.7233,
-7.6132

■ 172.6810, 30.7233,
-7.6132

255.0000, 0.0000,
0.0000

■ 146.1540, 29.9971,
-8.0281

■ 223.9900, 15.2879,
-3.4992

■ 119.6270, 29.2709,
-8.4429

■ 249.0970, 2.9102,
-0.0851

■ 94.6870, 28.2553,
-9.3725

■ 70.4480, 27.3871,
-10.9169

■ 46.4970, 26.3770,
-13.5909

■ 22.7520, 26.2513,
-19.9535

■ 6.0420, 23.1503,

-5.2988

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 172.6810, 30.7233,
-7.6132

■ 172.6810, 30.7233,
-7.6132

■ 152.3030, 40.7696,
-9.9127

■ 193.3580, 20.5295,
-4.6990

■ 131.6260, 50.9634,
-12.8270

■ 213.7360, 10.4832,
-2.3995

■ 110.6610, 61.2991,
-14.6117

■ 235.0000, 0.0000,
0.0000

■ 89.9840, 71.4929,
-17.5260

■ 252.7200, -8.7360,
1.9996

■ 69.6060, 81.5392,
-19.8255

■ 48.9290, 91.7330,
-22.7397

■ 28.5510, 101.7794,
-25.0392

Harmonies

Analogous

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



162.9530, 37.9842, -49.9478



172.6810, 30.7233, -7.6132



176.2850, 18.1005, 27.8141

Triad

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



172.6810, 30.7233, -7.6132



171.4950, -27.3590, 48.6779



153.0320, 4.4212, -64.9261

Complementary

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



172.6810, 30.7233, -7.6132



226.3190, -30.7233, 7.6132

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.



160.8610, -16.2005, -30.5731



172.6810, 30.7233, -7.6132



169.1690, -33.1143, 27.9158

Square

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



172.6810, 30.7233, -7.6132



173.6930, -14.1456, 57.2742



165.6170, -29.3912, 0.3359



139.7940, 28.6956, -104.1823

Rectangle

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



172.6810, 30.7233, -7.6132



175.4630, 8.1527, 45.1979



165.6170, -29.3912, 0.3359



155.8610, -2.8895, -53.3751

Sweetspot

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



172.6810, 30.7233, -7.6132



234.6220, 10.0464, -2.2995



213.6570, 10.0291, -43.5492



115.2970, 6.2626, -2.0145



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.



172.6810, 30.7233, -7.6132



174.0750, 39.8960, -9.7128



182.2600, 26.0008, 13.8040



107.2540, 4.8048, -1.0998



22.3950, 78.1923, -19.6404



6.7430, 23.2977, -5.9136

Inverse Universe

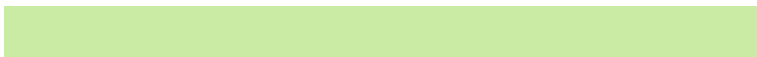
The Inverse Universe completely reimagines the original color for something new.



185.3430, -10.0291, 43.5492



190.6220, -13.1246, 56.4595



216.7400, -26.0008, -13.8040



109.2890, -1.6215, 6.7625



54.4610, -25.3703, 110.9747



16.2600, -7.5232, 33.0980

Previews

White Background



This preview shows how the YUV color 172.6810, 30.7233, -7.6132 looks on a white background.

Color Contrast Check

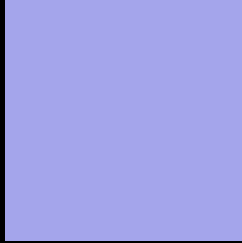
Large Text (above 18pt) WCAG AA × Fail

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 172.6810, 30.7233, -7.6132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

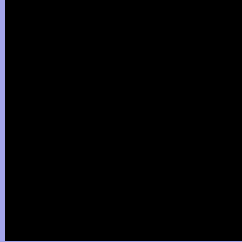
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.6810, 30.7233, -7.6132

Background



This preview shows how black text looks on a background with the YUV color 172.6810, 30.7233, -7.6132.



This preview shows how white text looks on a background with the YUV color 172.6810, 30.7233, -7.6132.

-7.6132.

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

172.6810, 30.7233, -7.6132

Protanopia

171.1850, 32.9398, -18.5792

Deuteranopia

171.0280, 31.0452, -17.5646



Tritanopia

169.6160, 9.0633, -13.6952

Trichromacy



Original Color

172.6810, 30.7233, -7.6132

Protanomaly

171.9790, 32.0554, -14.8906

Deuteranomaly

171.9360, 30.5976, -13.9759

Tritanomaly

170.9890, 16.7674, -11.3914

Monochromacy



Original Color

172.6810, 30.7233, -7.6132

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.9640, 11.3567, -2.5994

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.6810, 30.7233, -7.6132 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(164, 165, 235)` looks like.

```
.text, #text, p{  
    color:rgb(164, 165, 235)  
}
```

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(164, 165, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 165, 235) }
```

Border

The CSS property to change the border of an element to YUV 172.6810, 30.7233, -7.6132 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(164, 165, 235) }
```


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

```
.border{ border-color:rgb(164, 165, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 165, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 165, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 165, 235);  
box-shadow:4px 4px 4px 4px rgb(164, 165,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 172.6810, 30.7233, -7.6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 165, 235) }
```

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

```
.background{ background-color: rgb(164,  
165, 235) }
```

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