

Converting Colors

YUV(172.3860, 14.5997,
-16.1245)

Have a look what the booklet for
YUV(172.3860, 14.5997, -16.1245)
contains.

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Color

**YUV(172.3860, 14.5997,
-16.1245)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB0CA
RGB	154, 176, 202
RGB Percent	60%, 69%, 79%
CMY	0.3961, 0.3098, 0.2078
CMYK	0.24, 0.13, 0.00, 0.21
HSL	212°, 31%, 70%
HSV	212°, 24%, 79%
XYZ	39.5124, 42.1850, 61.9371
YIQ	172.3860, -21.4580, 3.4220

Conversions

Conversions Part 2

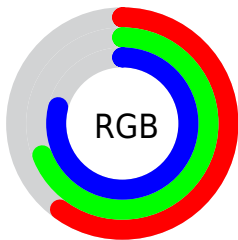
Format	Color
RYB	154, 169, 202
Decimal	10137802
CIELab	71.00, -1.83, -15.72
CIELCh	71, 15.823, 263.371
Yxy	42.1850, 0.2751, 0.2937
Android (android.graphics.Color)	4288327882 (0xFF9AB0CA)
YUV	172.3860, 14.5997, -16.1245
Hunter-Lab	64.9500, -5.0716, -11.0747

Details

The YUV color $172.3860, 14.5997, -16.1245$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $183.6140, -14.5997, 16.1245$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.7450, 13.4367, -16.4394$, and $120.1580, 13.7261, -15.9246$ is the 20% darker color. If you saturate the color by 10%, you get $159.9490, 20.7311, -22.7573$, and if you desaturate by 10%, it is $184.8230, 8.4683, -9.4918$.

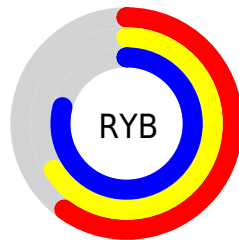
Distribution



Red (60%)

Green (69%)

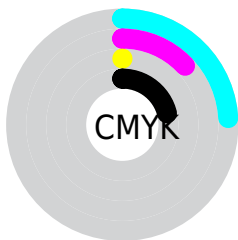
Blue (79%)



Red (60%)

Yellow (66%)

Blue (79%)

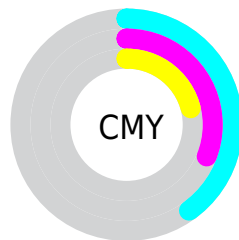


Cyan (24%)

Magenta (13%)

Yellow (0%)

Black (21%)



Cyan (40%)

Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3860, 14.5997, -16.1245 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 172.3860, 14.5997, -16.1245 by changing the saturation by 10% instead.

■ 172.3860, 14.5997,
-16.1245

■ 172.3860, 14.5997,
-16.1245

255.0000, 0.0000,
0.0000

■ 145.6850, 14.4523,
-15.5097

■ 227.7450, 13.4367,
-16.4394

■ 120.1580, 13.7261,
-15.9246

■ 249.9170, 2.5059,
-10.4512

■ 95.0440, 13.2893,
-15.8246

■ 70.9300, 12.8525,
-15.7246

■ 47.5170, 12.5631,
-16.2394

■ 25.2070, 12.7159,
-18.5985

■ 7.5290, 11.0782,

-6.6029

■ 0.0000, 0.0000,
0.0000

■ 172.3860, 14.5997,
-16.1245

■ 172.3860, 14.5997,
-16.1245

■ 159.9490, 20.7311,
-22.7573

■ 184.8230, 8.4683,
-9.4918

■ 147.5120, 26.8626,
-29.3900

■ 197.2600, 2.3368,
-2.8590

■ 134.7760, 33.1414,
-36.6376

■ 209.9960, -3.9420,
4.3885

■ 122.3390, 39.2729,
-43.2703

■ 222.4330,
-10.0735, 11.0213

■ 109.9020, 45.4043,
-49.9031

■ 234.8700,
-16.2049, 17.6540

■ 97.4650, 51.5358,
-56.5358

■ 241.3270,
-19.3882, 11.9912

■ 85.0280, 57.6672,
-63.1686

■ 247.7840,
-22.5715, 6.3284

■ 77.6190, 61.3198,
-68.0719

■ 248.9580,
-23.1503, 5.2988

Harmonies

Analogous

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



169.8640, 12.8850, -26.1907



172.3860, 14.5997, -16.1245



174.6050, 12.5197, -2.2846

Triad

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



172.3860, 14.5997, -16.1245



175.8460, -6.3331, 24.6911



170.3870, -7.0928, -11.7404

Complementary

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



172.3860, 14.5997, -16.1245



183.6140, -14.5997, 16.1245

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.



171.7970, -12.2249, 1.0550



172.3860, 14.5997, -16.1245



175.0430, -11.8532, 21.8873

Square

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



172.3860, 14.5997, -16.1245



176.6590, 0.6611, 21.3471



173.7060, -14.1521, 12.5358



168.9710, 0.5073, -22.7766

Rectangle

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



172.3860, 14.5997, -16.1245



175.8620, 9.4350, 7.1370



173.7060, -14.1521, 12.5358



170.9530, -8.8508, -7.8518

Sweetspot

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



172.3860, 14.5997, -16.1245



243.7480, 5.5472, -5.9180



185.1400, -2.5340, -27.3098



121.1890, 3.3578, -3.6738



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.



172.3860, 14.5997, -16.1245



209.3940, 22.4838, -24.9015



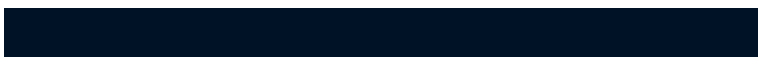
160.0700, 20.6715, -3.5694



95.4880, 3.2104, -3.0590



63.5360, 50.5148, -55.7211



14.8980, 11.3893, -13.0655

Inverse Universe

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



170.8600, 2.5340, 27.3098



207.0020, 3.9430, 42.0942



195.9300, -20.6715, 3.5694



95.4460, 0.2731, 5.7479



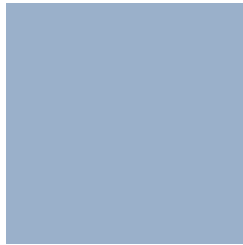
58.2980, 8.7271, 94.4547



13.4140, 2.2609, 21.5619

Previews

White Background



This preview shows how the YUV color 172.3860, 14.5997, -16.1245 looks on a white background.

Color Contrast Check

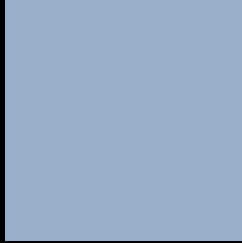
Large Text (above 18pt) WCAG AA × Fail

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 172.3860, 14.5997, -16.1245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

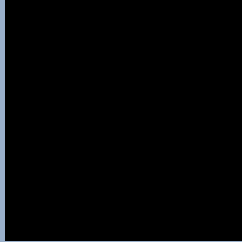
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

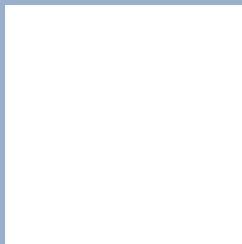
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.3860, 14.5997, -16.1245

Background



This preview shows how black text looks on a background with the YUV color 172.3860, 14.5997, -16.1245.



This preview shows how white text looks on a background with the YUV color 172.3860, 14.5997, -16.1245.

-16.1245.

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

172.3860, 14.5997, -16.1245

Protanopia

174.1810, 12.2358, -4.5437

Deuteranopia

174.9690, 13.8193, 0.9042



Tritanopia

171.8220, 9.9478, -17.3839

Trichromacy



Original Color

172.3860, 14.5997, -16.1245

Protanomaly

173.3870, 13.1202, -8.2324

Deuteranomaly

174.3380, 14.1304, -5.5584

Tritanomaly

171.9900, 11.8369, -16.6542

Monochromacy



Original Color

172.3860, 14.5997, -16.1245

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.7480, 5.5472, -5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3860, 14.5997, -16.1245 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(154, 176, 202)` looks like.

```
.text, #text, p{  
    color:rgb(154, 176, 202)  
}
```

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(154, 176, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 176, 202) }
```

Border

The CSS property to change the border of an element to YUV 172.3860, 14.5997, -16.1245 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(154, 176, 202) }
```


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

```
.border{ border-color:rgb(154, 176, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 176, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 176, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 176, 202);  
box-shadow:4px 4px 4px 4px rgb(154, 176,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 172.3860, 14.5997, -16.1245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 176, 202) }
```

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

```
.background{ background-color: rgb(154,  
176, 202) }
```

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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