

Converting Colors

YUV(173.3860, 18.0507,
-2.9695)

Have a look what the booklet for
YUV(173.3860, 18.0507, -2.9695)
contains.

YUV(173.3860, 18.0507, -2.9695)	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(173.3860, 18.0507,
-2.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA8D2
RGB	170, 168, 210
RGB Percent	67%, 66%, 82%
CMY	0.3333, 0.3412, 0.1765
CMYK	0.19, 0.20, 0.00, 0.18
HSL	243°, 32%, 74%
HSV	243°, 20%, 82%
XYZ	42.2131, 41.2045, 66.7012
YIQ	173.3860, -12.2900, 13.4860

Conversions

Conversions Part 2

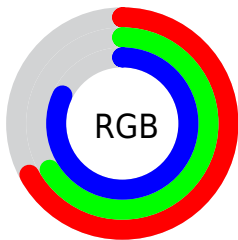
Format	Color
RYB	170, 168, 210
Decimal	11184338
CIELab	70.32, 9.42, -21.03
CIELCh	70, 23.045, 294.118
Yxy	41.2045, 0.2812, 0.2745
Android (android.graphics.Color)	4289374418 (0xFFAAA8D2)
YUV	173.3860, 18.0507, -2.9695
Hunter-Lab	64.1907, 5.0514, -16.6753

Details

The YUV color $173.3860, 18.0507, -2.9695$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $204.6140, -18.0507, 2.9695$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.5450, 13.5353, -1.3550$, and $120.7450, 16.8877, -3.2844$ is the 20% darker color. If you saturate the color by 10%, you get $155.0790, 27.0761, -4.4543$, and if you desaturate by 10%, it is $191.6930, 9.0254, -1.4848$.

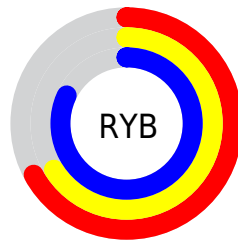
Distribution



Red (67%)

Green (66%)

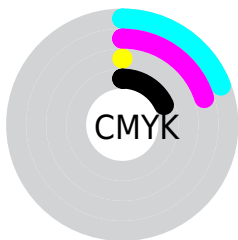
Blue (82%)



Red (67%)

Yellow (66%)

Blue (82%)

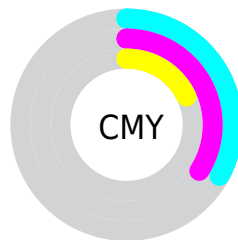


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (18%)



Cyan (33%)

Magenta (34%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.3860, 18.0507, -2.9695 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 173.3860, 18.0507, -2.9695 by changing the saturation by 10% instead.

■ 173.3860, 18.0507,
-2.9695

■ 173.3860, 18.0507,
-2.9695

255.0000, 0.0000,
0.0000

■ 146.8590, 17.3245,
-3.3843

■ 227.5450, 13.5353,
-1.3550

■ 120.7450, 16.8877,
-3.2844

■ 253.2390, 0.8682,
1.5444

■ 96.2180, 16.1615,
-3.6992

■ 72.1040, 15.7247,
-3.5992

■ 49.5770, 14.9985,
-4.0140

■ 27.7510, 14.4198,
-5.0436

■ 3.9900, 15.2879,

-3.4992

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 173.3860, 18.0507,
-2.9695

■ 173.3860, 18.0507,
-2.9695

■ 155.0790, 27.0761,
-4.4543

■ 191.6930, 9.0254,
-1.4848

■ 136.7720, 36.1014,
-5.9390

■ 210.0000, 0.0000,
0.0000

■ 118.4650, 45.1268,
-7.4238

■ 228.3070, -9.0254,
1.4848

■ 100.1580, 54.1521,
-8.9086

■ 246.6140,
-18.0507, 2.9695

■ 81.8510, 63.1775,
-10.3933

■ 249.8700,
-19.6559, 4.4990

■ 63.5440, 72.2028,
-11.8781

■ 45.2370, 81.2282,
-13.3628

■ 26.9300, 90.2535,
-14.8476

Harmonies

Analogous

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



169.1660, 21.6102, -24.7016



173.3860, 18.0507, -2.9695



175.2700, 10.7129, 17.3032

Triad

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



173.3860, 18.0507, -2.9695



173.1320, -16.8271, 30.5792



164.1220, 1.4189, -35.1870

Complementary

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



173.3860, 18.0507, -2.9695



204.6140, -18.0507, 2.9695

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.



166.6590, -9.6919, -18.1179



173.3860, 18.0507, -2.9695



171.5450, -19.9887, 17.9390

Square

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



173.3860, 18.0507, -2.9695



174.8150, -9.2758, 35.2422



169.3040, -17.8979, 0.6104



162.9280, 12.3605, -44.6639

Rectangle

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



173.3860, 18.0507, -2.9695



175.6150, 4.1338, 27.5246



169.3040, -17.8979, 0.6104



164.8300, -2.3812, -29.6689

Sweetspot

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



173.3860, 18.0507, -2.9695



241.7100, 6.5520, -1.4997



196.8550, 6.4805, -25.3058



120.0260, 3.9312, -0.8998



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.



173.3860, 18.0507, -2.9695



201.8510, 26.2025, -4.2543



179.3660, 15.1026, 9.3260



95.5530, 4.6574, -0.4850



21.5440, 72.2028, -11.8781



5.2720, 17.6139, -2.8695

Inverse Universe

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



185.1180, 11.2808, 21.8215



218.8510, 16.3425, 31.7027



198.6340, -15.1026, -9.3260



98.4290, 2.7465, 5.7628



68.4720, 45.1233, 87.2861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 173.3860, 18.0507, -2.9695 looks on a white background.

Color Contrast Check

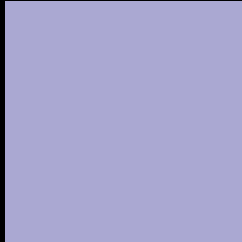
Large Text (above 18pt) WCAG AA × Fail

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 173.3860, 18.0507, -2.9695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

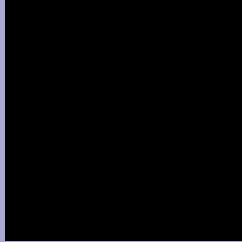
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.3860, 18.0507, -2.9695

Background



This preview shows how black text looks on a background with the YUV color 173.3860, 18.0507, -2.9695.



This preview shows how white text looks on a background with the YUV color 173.3860, 18.0507,

-2.9695.

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

173.3860, 18.0507, -2.9695

Protanopia

172.3960, 19.5248, -9.1173

Deuteranopia

173.0870, 18.1981, -3.5843



Tritanopia

171.8020, 6.9996, -5.0884

Trichromacy



Original Color

173.3860, 18.0507, -2.9695

Protanomaly

172.5920, 18.9351, -6.6582

Deuteranomaly

173.0870, 18.1981, -3.5843

Tritanomaly

172.5400, 11.0728, -4.8586

Monochromacy



Original Color

173.3860, 18.0507, -2.9695

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.3860, 18.0507, -2.9695 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(170, 168, 210)` looks like.

```
.text, #text, p{  
    color:rgb(170, 168, 210)  
}
```

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(170, 168, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 168, 210) }
```

Border

The CSS property to change the border of an element to YUV 173.3860, 18.0507, -2.9695 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(170, 168, 210) }
```


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

```
.border{ border-color:rgb(170, 168, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 168, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 168, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 168, 210);  
box-shadow:4px 4px 4px 4px rgb(170, 168,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 173.3860, 18.0507, -2.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 168, 210) }
```

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

```
.background{ background-color: rgb(170,  
168, 210) }
```

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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