

# Converting Colors

YUV(172.8930, -4.3842, 6.2328)

Have a look what the booklet for  
YUV(172.8930, -4.3842, 6.2328)  
contains.

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# Color

**YUV(172.8930, -4.3842,  
6.2328)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B4ABA4
RGB	180, 171, 164
RGB Percent	71%, 67%, 64%
CMY	0.2941, 0.3294, 0.3569
CMYK	0.00, 0.05, 0.09, 0.29
HSL	26°, 10%, 67%
HSV	26°, 9%, 71%
XYZ	40.0861, 41.5095, 41.0213
YIQ	172.8930, 7.6110, -0.2690

# Conversions

## Conversions Part 2

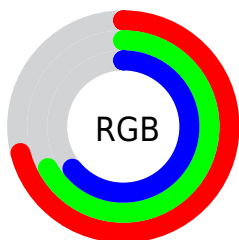
Format	Color
<a href="#">RYB</a>	<a href="#">180, 176, 164</a>
Decimal	<a href="#">11840420</a>
CIELab	<a href="#">70.53, 1.98, 4.74</a>
CIELCh	<a href="#">71, 5.141, 67.312</a>
Yxy	<a href="#">41.5095, 0.3269, 0.3385</a>
Android (android.graphics.Color)	<a href="#">4290030500</a> (0xFFB4ABA4)
YUV	<a href="#">172.8930, -4.3842, 6.2328</a>
Hunter-Lab	<a href="#">64.4278, -1.6884, 7.3494</a>

# Details

The YUV color **172.8930, -4.3842, 6.2328** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171.1070, 4.3842, -6.2328**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1920, -4.5317, 6.8476**, and **120.5940, -4.2368, 5.6181** is the 20% darker color. If you saturate the color by 10%, you get **164.9710, -9.3527, 13.1804**, and if you desaturate by 10%, it is **180.8150, 0.5842, -0.7148**.

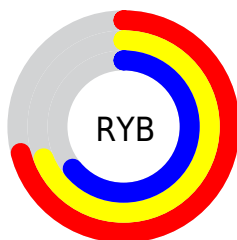
# Distribution



Red (71%)

Green (67%)

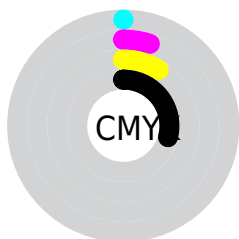
Blue (64%)



Red (71%)

Yellow (69%)

Blue (64%)

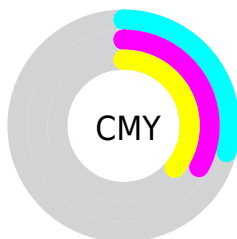


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 172.8930, -4.3842, 6.2328 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 172.8930, -4.3842, 6.2328 by changing the saturation by 10% instead.





 172.8930, -4.3842,  
6.2328


 172.8930, -4.3842,  
6.2328


255.0000, 0.0000,  
0.0000


 146.5940, -4.2368,  
5.6181


 228.1920, -4.5317,  
6.8476


 120.5940, -4.2368,  
5.6181

 254.0880, -3.4944,  
0.7998

 95.7080, -3.8000,  
5.5181


 72.4090, -3.6526,  
4.9033

 49.5230, -3.2158,  
4.8033

 28.5230, -3.2158,  
4.8033


 2.3920, -1.1793,


4.9182


 0.0000, 0.0000,  
0.0000

 172.8930, -4.3842,  
6.2328

 172.8930, -4.3842,  
6.2328

 164.9710, -9.3527,  
13.1804

 180.8150, 0.5842,  
-0.7148


 157.0490,  
-14.3212, 20.1280


 188.7370, 5.5527,  
-7.6623

 149.1270,  
-19.2896, 27.0756

 196.6590, 10.5211,  
-14.6099


 140.6180,  
-23.9687, 34.5380


 205.1680, 15.2002,  
-22.0723

 132.6960,  
-28.9371, 41.4856

 213.0900, 20.1686,  
-29.0199

 124.7740,  
-33.9056, 48.4332


 219.0740, 17.7115,  
-34.2679

 116.8520,  
-38.8740, 55.3808

 224.9440, 14.8176,  
-39.4159

 108.9300,  
-43.8425, 62.3284

 230.8140, 11.9237,  
-44.5639

 101.0080,  
-48.8109, 69.2760

 232.5750, 11.0555,  
-46.1083

# Harmonies

## Analogous

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



173.5450, -3.2267, 8.2920



172.8930, -4.3842, 6.2328



172.4580, -4.6628, 2.2293

# Triad

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



172.8930, -4.3842, 6.2328



170.8850, 1.0427, -7.7921



173.2220, 3.3416, 1.5593

# Complementary

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



172.8930, -4.3842, 6.2328



171.1070, 4.3842, -6.2328

# 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.



172.2430, 4.8102, -2.8441



172.8930, -4.3842, 6.2328



171.4550, 3.2267, -8.2920

# Square

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



172.8930, -4.3842, 6.2328



171.3260, -1.1467, -5.5479



171.8080, 4.5317, -6.8476



173.6740, 1.1467, 5.5479



# Rectangle

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



172.8930, -4.3842, 6.2328



172.2620, -4.0732, -0.2298



171.8080, 4.5317, -6.8476



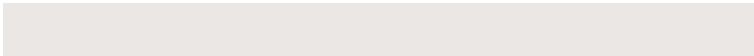
172.7380, 4.0732, 0.2298

# Sweetspot

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



172.8930, -4.3842, 6.2328



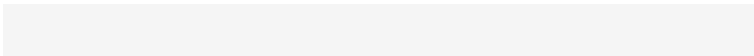
231.8540, -1.9000, 2.7590



169.8100, 1.5727, 8.9366



115.3700, -1.1684, 1.4295



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.8930, -4.3842, 6.2328



223.2310, -7.0159, 10.3214



177.5890, -6.6994, 2.1144



85.0390, -2.4842, 3.4738



85.0760, -41.9425, 59.5693



14.2310, -7.0159, 10.3214



# Inverse Universe

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



171.1070, 4.3842, -6.2328



220.1820, 7.3053, -9.8066



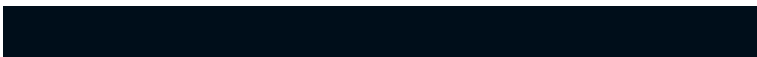
166.4110, 6.6994, -2.1144



83.9610, 2.4842, -3.4738



67.9240, 41.9425, -59.5693



11.1820, 7.3053, -9.8066



# Previews

## White Background



This preview shows how the YUV color 172.8930, -4.3842, 6.2328 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

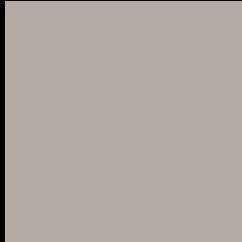
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 172.8930, -4.3842, 6.2328 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

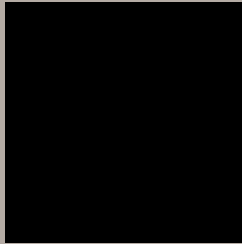
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 172.8930, -4.3842, 6.2328

## Background



This preview shows how black text looks on a background with the YUV color 172.8930, -4.3842, 6.2328.



This preview shows how white text looks on a background with the YUV color 172.8930, -4.3842,



# 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

172.8930, -4.3842, 6.2328

### Protanopia

172.5830, -4.2314, 3.8737

### Deuteranopia

174.2470, -4.5588, 15.5694



## Tritanopia

173.7820, 4.0515, 7.2072

# Trichromacy



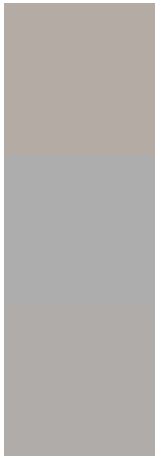
**Original Color**  
172.8930, -4.3842, 6.2328

**Protanomaly**  
172.8820, -4.3788, 4.4885

**Deuteranomaly**  
173.6380, -4.2585, 12.5955

**Tritanomaly**  
173.2720, 0.8519, 6.7775

# Monochromacy



**Original Color**  
172.8930, -4.3842, 6.2328

**Achromatopsia**  
173.0000, 0.0000, 0.0000

**Achromatomaly**  
172.9680, -1.4632, 2.6591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.8930, -4.3842, 6.2328 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(180, 171, 164)` looks like.

```
.text, #text, p{  
    color:rgb(180, 171, 164)  
}
```

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(180, 171, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 171, 164) }
```

## Border

The CSS property to change the border of an element to YUV 172.8930, -4.3842, 6.2328 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(180, 171, 164) }
```



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

```
.border{ border-color:rgb(180, 171, 164) }
```

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

Here you see how a box with a 4 pixel rgb(180, 171, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 171, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 171, 164);  
box-shadow:4px 4px 4px 4px rgb(180, 171,  
164) }
```

# Background

The CSS property to change the background color of an element to YUV 172.8930, -4.3842, 6.2328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 171, 164) }
```

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

```
.background{ background-color: rgb(180,  
171, 164) }
```

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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