

Converting Colors

YUV(172.8430, -1.8946, 1.0147)

Have a look what the booklet for
YUV(172.8430, -1.8946, 1.0147)
contains.

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Color

**YUV(172.8430, -1.8946,
1.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	AEADA9
RGB	174, 173, 169
RGB Percent	68%, 68%, 66%
CMY	0.3176, 0.3216, 0.3373
CMYK	0.00, 0.01, 0.03, 0.32
HSL	48°, 3%, 67%
HSV	48°, 3%, 68%
XYZ	39.5606, 41.7504, 43.5097
YIQ	172.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

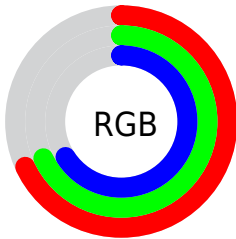
Format	Color
RYB	170, 174, 169
Decimal	11447721
CIELab	70.70, -0.38, 2.17
CIELCh	71, 2.202, 100.022
Yxy	41.7504, 0.3169, 0.3345
Android (android.graphics.Color)	4289637801 (0xFFAEADA9)
YUV	172.8430, -1.8946, 1.0147
Hunter-Lab	64.6145, -3.7880, 5.3059

Details

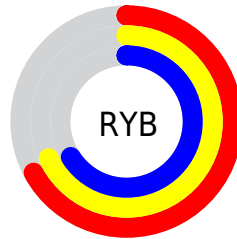
The YUV color $172.8430, -1.8946, 1.0147$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $170.1570, 1.8946, -1.0147$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.8430, -1.8946, 1.0147$, and $120.8430, -1.8946, 1.0147$ is the 20% darker color. If you saturate the color by 10%, you get $169.1440, -8.4520, 4.2587$, and if you desaturate by 10%, it is $176.5420, 4.6628, -2.2293$.

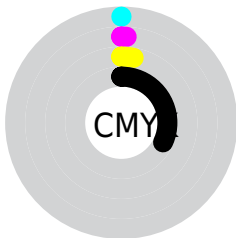
Distribution



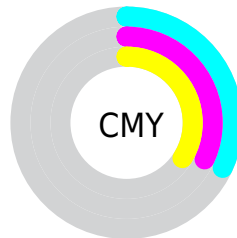
- Red (68%)
- Green (68%)
- Blue (66%)



- Red (67%)
- Yellow (68%)
- Blue (66%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (32%)



- Cyan (32%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.8430, -1.8946, 1.0147 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 172.8430, -1.8946, 1.0147 by changing the saturation by 10% instead.

■ 172.8430, -1.8946,
1.0147

■ 172.8430, -1.8946,
1.0147

255.0000, 0.0000,
0.0000

■ 145.9570, -1.4578,
0.9147

■ 227.8430, -1.8946,
1.0147

■ 120.8430, -1.8946,
1.0147

254.7720, -0.8736,
0.2000

■ 95.8430, -1.8946,
1.0147

■ 71.9570, -1.4578,
0.9147

■ 49.9570, -1.4578,
0.9147

■ 28.9570, -1.4578,
0.9147

■ 2.6580, -1.3104,

0.2999

0.0000, 0.0000,
0.0000

172.8430, -1.8946,
1.0147

172.8430, -1.8946,
1.0147

169.1440, -8.4520,
4.2587

176.5420, 4.6628,
-2.2293

164.7440,
-15.1568, 8.1175

180.9420, 11.3676,
-6.0881

161.0450,
-21.7142, 11.3615

184.6410, 17.9250,
-9.3322

156.6450,
-28.4190, 15.2203

189.0410, 24.6298,
-13.1910

152.9460,
-34.9764, 18.4644

192.6260, 30.7504,
-16.3350

■ 148.6600,
-41.2444, 22.2232

■ 194.9740, 29.5928,
-18.3942

■ 144.8470,
-48.2386, 25.5672

■ 196.7350, 28.7246,
-19.9386

■ 140.5610,
-54.5066, 29.3260

■ 199.0830, 27.5671,
-21.9978

■ 136.7480,
-61.5008, 32.6700

■ 200.8440, 26.6989,
-23.5422

Harmonies

Analogous

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



172.8540, -1.9000, 2.7590



172.8430, -1.8946, 1.0147



172.9460, -1.4524, -0.8296

Triad

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



172.8430, -1.8946, 1.0147



172.3200, 1.3212, -3.7886



173.4240, 0.2840, 2.2592

Complementary

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



172.8430, -1.8946, 1.0147



170.1570, 1.8946, -1.0147

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.



173.0540, 1.4524, 0.8296



172.8430, -1.8946, 1.0147



173.1460, 1.9000, -2.7590

Square

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



172.8430, -1.8946, 1.0147



172.2060, 0.8844, -3.6887



173.1570, 1.8946, -1.0147



173.4950, -0.7370, 3.0739

Rectangle

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



172.8430, -1.8946, 1.0147



172.4620, -0.7208, -2.1592



173.1570, 1.8946, -1.0147



173.5380, 0.7208, 2.1592

Sweetspot

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



172.8430, -1.8946, 1.0147



226.1850, -0.5842, 0.7148



170.6090, -0.3002, 2.9739



114.8860, -0.4368, 0.1000



242.0000, 0.0000, 0.0000



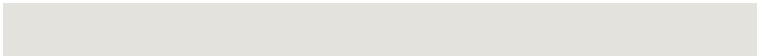
115.0000, 0.0000, 0.0000

Same Dimension

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



172.8430, -1.8946, 1.0147



225.6150, -2.7682, 1.2146



172.8320, -1.8892, -0.7297



85.9570, -1.4578, 0.9147



115.2900, -56.8380, 30.4407



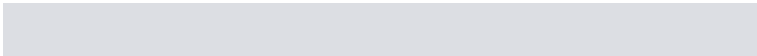
17.4430, -8.5994, 4.8735

Inverse Universe

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



170.1570, 1.8946, -1.0147



221.9720, 2.4788, -1.7294



170.1680, 1.8892, 0.7297



84.0430, 1.4578, -0.9147



34.7100, 56.8380, -30.4407



5.5570, 8.5994, -4.8735

Previews

White Background



This preview shows how the YUV color 172.8430, -1.8946, 1.0147 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 172.8430, -1.8946, 1.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

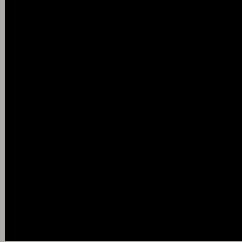
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.8430, -1.8946, 1.0147

Background



This preview shows how black text looks on a background with the YUV color 172.8430, -1.8946, 1.0147.



This preview shows how white text looks on a background with the YUV color 172.8430, -1.8946,

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

172.8430, -1.8946, 1.0147

Protanopia

173.1530, -2.0474, 3.3738

Deuteranopia

174.5180, -2.2274, 14.4547



Tritanopia

173.9770, 4.9413, 1.7742

Trichromacy



Original Color

172.8430, -1.8946, 1.0147

Protanomaly

172.8540, -1.9000, 2.7590

Deuteranomaly

173.8980, -1.9217, 9.7365

Tritanomaly

173.6950, 2.6154, 1.1445

Monochromacy



Original Color

172.8430, -1.8946, 1.0147

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8430, -1.8946, 1.0147 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(174, 173, 169)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 169)  
}
```

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(174, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 169) }
```

Border

The CSS property to change the border of an element to YUV 172.8430, -1.8946, 1.0147 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(174, 173, 169) }
```


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

```
.border{ border-color:rgb(174, 173, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 173, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 172.8430, -1.8946, 1.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 169) }
```

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

```
.background{ background-color: rgb(174,  
173, 169) }
```

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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