

Converting Colors

YUV(172.9300, -17.2205,
16.7244)

Have a look what the booklet for
YUV(172.9300, -17.2205, 16.7244)
contains.

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Color

**YUV(172.9300, -17.2205,
16.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	C0AA8A
RGB	192, 170, 138
RGB Percent	75%, 67%, 54%
CMY	0.2471, 0.3333, 0.4588
CMYK	0.00, 0.11, 0.28, 0.25
HSL	36°, 30%, 65%
HSV	36°, 28%, 75%
XYZ	40.7004, 41.7909, 29.9661
YIQ	172.9300, 23.3840, -5.2880

Conversions

Conversions Part 2

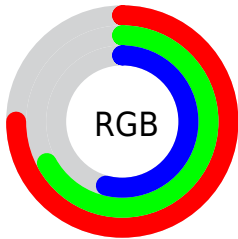
Format	Color
RYB	175, 192, 138
Decimal	12626570
CIELab	70.73, 3.05, 19.44
CIElCh	71, 19.673, 81.089
Yxy	41.7909, 0.3619, 0.3716
Android (android.graphics.Color)	4290816650 (0xFFC0AA8A)
YUV	172.9300, -17.2205, 16.7244
Hunter-Lab	64.6459, -0.7485, 17.7687

Details

The YUV color $172.9300, -17.2205, 16.7244$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $157.0700, 17.2205, -16.7244$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.4140, -17.9521, 18.0539$, and $120.5600, -16.0521, 15.2949$ is the 20% darker color. If you saturate the color by 10%, you get $166.0680, -23.2045, 22.7424$, and if you desaturate by 10%, it is $179.7920, -11.2365, 10.7064$.

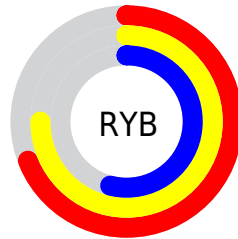
Distribution



Red (75%)

Green (67%)

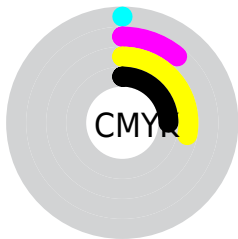
Blue (54%)



Red (69%)

Yellow (75%)

Blue (54%)

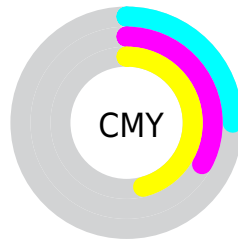


Cyan (0%)

Magenta (11%)

Yellow (28%)

Black (25%)



Cyan (25%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9300, -17.2205, 16.7244 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 172.9300, -17.2205, 16.7244 by changing the saturation by 10% instead.

■ 172.9300,
-17.2205, 16.7244

■ 172.9300,
-17.2205, 16.7244

255.0000, 0.0000,
0.0000

■ 146.6310,
-17.0731, 16.1096

■ 228.4140,
-17.9521, 18.0539

■ 120.5600,
-16.0521, 15.2949

■ 250.3090,
-15.4353, 4.1140

■ 95.3750, -15.4679,
14.5801

■ 254.2020, -3.0576,
0.6998

■ 71.8910, -14.7363,
13.2506

■ 49.4070, -14.0047,
11.9211

■ 28.1080, -13.8572,
11.3063

■ 3.5880, -1.7689,

7.3773

■ 0.0000, 0.0000,
0.0000

■ 172.9300,
-17.2205, 16.7244

■ 172.9300,
-17.2205, 16.7244

■ 166.0680,
-23.2045, 22.7424

■ 179.7920,
-11.2365, 10.7064

■ 159.2060,
-29.1886, 28.7603

■ 186.6540, -5.2524,
4.6884

■ 152.8170,
-35.8988, 34.3635

■ 193.0430, 1.4578,
-0.9147

■ 145.9550,
-41.8828, 40.3815

■ 199.9050, 7.4418,
-6.9327

■ 139.0930,
-47.8668, 46.3994

■ 206.7670, 13.4259,
-12.9507

■ 132.2310,
-53.8509, 52.4174

■ 213.6290, 19.4099,
-18.9686

■ 125.3690,
-59.8349, 58.4354

■ 218.5530, 17.9684,
-23.2870

■ 124.3260,
-61.2927, 59.3501

■ 223.2490, 15.6532,
-27.4054

■ 227.3580, 13.6275,
-31.0090

Harmonies

Analogous

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



174.2070, -13.9061, 27.0055



172.9300, -17.2205, 16.7244



170.9990, -15.2825, 1.7549

Triad

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



172.9300, -17.2205, 16.7244



165.8860, 9.4232, -35.8570



176.3080, 9.7082, 12.8849

Complementary

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



172.9300, -17.2205, 16.7244



157.0700, 17.2205, -16.7244

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.



173.8050, 15.8721, -4.2140



172.9300, -17.2205, 16.7244



167.3190, 16.1117, -34.4828

Square

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



172.9300, -17.2205, 16.7244



166.8240, 0.0868, -27.9096



170.6780, 18.3997, -21.6426



176.5070, 1.2290, 25.8654

Rectangle

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



172.9300, -17.2205, 16.7244



169.5570, -11.6136, -8.3815



170.6780, 18.3997, -21.6426



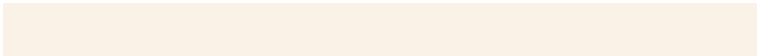
175.2580, 12.1978, 7.6667

Sweetspot

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



172.9300, -17.2205, 16.7244



243.0240, -6.4208, 6.1180



156.6540, 1.6496, 30.9984



120.5830, -4.2314, 3.8737



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



172.9300, -17.2205, 16.7244



219.7650, -26.9991, 26.5161



184.3490, -22.8501, 2.3249



93.5120, -3.2104, 3.0590



103.9040, -51.2247, 50.0732



21.6070, -10.6523, 9.9917

Inverse Universe

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



157.0700, 17.2205, -16.7244



195.2350, 26.9991, -26.5161



145.6510, 22.8501, -2.3249



90.4880, 3.2104, -3.0590



56.5090, 51.5141, -49.5584



11.9800, 10.3629, -10.5065

Previews

White Background



This preview shows how the YUV color 172.9300, -17.2205, 16.7244 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 172.9300, -17.2205, 16.7244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

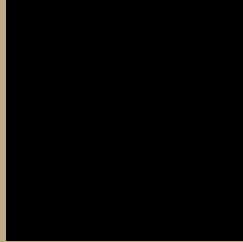
Any Text WCAG AA ✓ Pass

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 172.9300, -17.2205, 16.7244 Background



This preview shows how black text looks on a background with the YUV color 172.9300, -17.2205, 16.7244.



This preview shows how white text looks on a background with the YUV color 172.9300, -17.2205, 16.7244.

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

172.9300, -17.2205, 16.7244

Protanopia

172.4130, -16.4726, 10.1618

Deuteranopia

173.6860, -17.1002, 24.8314



Tritanopia

175.9360, 0.5246, 18.4731

Trichromacy



Original Color

172.9300, -17.2205, 16.7244

Protanomaly

172.7230, -16.6254, 12.5209

Deuteranomaly

173.0770, -16.8000, 21.8575

Tritanomaly

174.9160, -5.8746, 17.6137

Monochromacy



Original Color

172.9300, -17.2205, 16.7244

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0240, -6.4208, 6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9300, -17.2205, 16.7244 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(192, 170, 138)` looks like.

```
.text, #text, p{  
    color:rgb(192, 170, 138)  
}
```

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(192, 170, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 170, 138) }
```

Border

The CSS property to change the border of an element to YUV 172.9300, -17.2205, 16.7244 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(192, 170, 138) }
```


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

```
.border{ border-color:rgb(192, 170, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 170, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 170, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 170, 138);  
box-shadow:4px 4px 4px 4px rgb(192, 170,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 172.9300, -17.2205, 16.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 170, 138) }
```

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

```
.background{ background-color: rgb(192,  
170, 138) }
```

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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