

Converting Colors

YUV(172.1380, 0.9180, 32.3280)

Have a look what the booklet for
YUV(172.1380, 0.9180, 32.3280)
contains.

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Color

**YUV(172.1380, 0.9180,
32.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	D199AE
RGB	209, 153, 174
RGB Percent	82%, 60%, 68%
CMY	0.1804, 0.4000, 0.3176
CMYK	0.00, 0.27, 0.17, 0.18
HSL	338°, 38%, 71%
HSV	338°, 27%, 82%
XYZ	45.3257, 39.3938, 45.2592
YIQ	172.1380, 26.6350, 18.4030

Conversions

Conversions Part 2

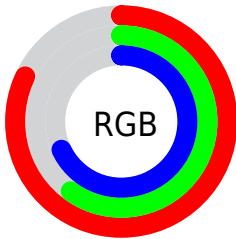
Format	Color
R _Y B	209, 153, 174
Decimal	13736366
CIE Lab	69.04, 24.10, -2.65
CIE LCh	69, 24.248, 353.731
Yxy	39.3938, 0.3487, 0.3031
Android (android.graphics.Color)	4291926446 (0xFFD199AE)
YUV	172.1380, 0.9180, 32.3280
Hunter-Lab	62.7645, 19.0670, 1.1813

Details

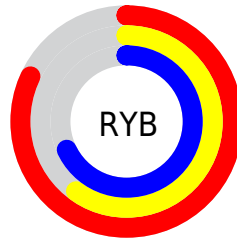
The YUV color $172.1380, 0.9180, 32.3280$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $189.8620, -0.9180, -32.3280$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.4470, 2.2446, 26.7950$, and $119.2410, 1.3602, 30.4836$ is the 20% darker color. If you saturate the color by 10%, you get $158.3290, 1.3168, 44.4385$, and if you desaturate by 10%, it is $185.9470, 0.5191, 20.2175$.

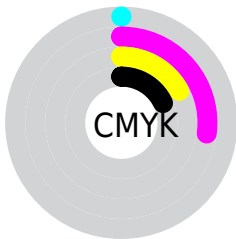
Distribution



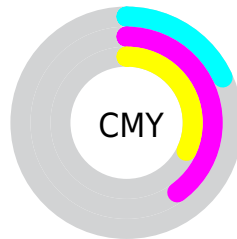
- Red (82%)
- Green (60%)
- Blue (68%)



- Red (82%)
- Yellow (60%)
- Blue (68%)



- Cyan (0%)
- Magenta (27%)
- Yellow (17%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1380, 0.9180, 32.3280 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 172.1380, 0.9180, 32.3280 by changing the saturation by 10% instead.


 172.1380, 0.9180,
32.3280

 172.1380, 0.9180,
32.3280

255.0000, 0.0000,
0.0000

 145.4260, 0.7760,
31.1984

 224.4470, 2.2446,
26.7950

 119.2410, 1.3602,
30.4836

 243.8470, 5.4984,
9.7812

 94.2300, 1.3656,
28.7393

 69.6320, 1.6604,
27.5097

 46.7350, 2.1026,
25.6654

 23.6640, 3.1236,
24.8507

 10.2090, -3.5540,

19.9877

■ 0.0000, 0.0000,
0.0000

■ 172.1380, 0.9180,
32.3280

■ 172.1380, 0.9180,
32.3280

■ 158.3290, 1.3168,
44.4385

■ 185.9470, 0.5191,
20.2175

■ 144.5200, 1.7156,
56.5490

■ 199.7560, 0.1203,
8.1070

■ 130.7110, 2.1145,
68.6595

■ 213.5650, -0.2785,
-4.0035

■ 116.9020, 2.5133,
80.7699

■ 227.3740, -0.6774,
-16.1140

■ 103.6800, 2.6228,
92.3656

■ 239.4220, -0.2080,
-26.6801

■ 89.8710, 3.0216,
104.4761

■ 240.9040, 5.4703,
-27.9798

■ 76.0620, 3.4204,
116.5866

■ 241.2460, 6.7807,
-28.2797

■ 71.3830, 3.2622,
120.6901

Harmonies

Analogous

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



171.7970, 11.4391, 17.7180



172.1380, 0.9180, 32.3280



170.8260, -9.2812, 36.9866

Triad

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



172.1380, 0.9180, 32.3280



165.7770, -18.6241, 0.1956



160.8170, 20.7962, -43.6895

Complementary

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



172.1380, 0.9180, 32.3280



189.8620, -0.9180, -32.3280

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.



158.7320, 12.9501, -47.1230



172.1380, 0.9180, 32.3280



162.8330, -10.2707, -19.1475

Square

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



172.1380, 0.9180, 32.3280



167.6160, -21.0097, 18.7538



160.1110, 1.4243, -36.9313



165.4970, 22.9260, -26.7459

Rectangle

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



172.1380, 0.9180, 32.3280



170.2080, -15.3855, 34.8976



160.1110, 1.4243, -36.9313



159.6380, 18.9125, -46.1635

Sweetspot

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



172.1380, 0.9180, 32.3280



241.7780, 0.1094, 11.5957



169.8490, 19.3014, 15.9184



119.4570, 0.2677, 7.4922



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.



172.1380, 0.9180, 32.3280



201.0520, 1.4534, 47.3124



173.8530, -10.2805, 30.8239



97.7450, 0.1257, 6.3626



57.4140, 2.7539, 96.9839



13.9690, 0.5083, 23.7062

Inverse Universe

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



172.1380, 0.9180, 32.3280



201.0520, 1.4534, 47.3124



188.1470, 10.2805, -30.8239



97.7450, 0.1257, 6.3626



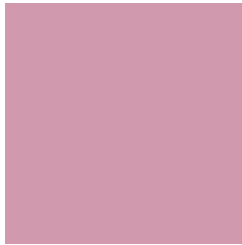
57.4140, 2.7539, 96.9839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 172.1380, 0.9180, 32.3280 looks on a white background.

Color Contrast Check

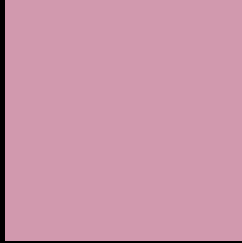
Large Text (above 18pt) WCAG AA × Fail

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 172.1380, 0.9180, 32.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

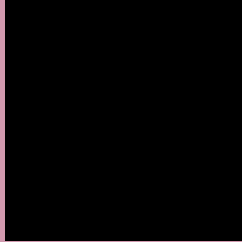
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.1380, 0.9180, 32.3280

Background



This preview shows how black text looks on a background with the YUV color 172.1380, 0.9180, 32.3280.



This preview shows how white text looks on a background with the YUV color 172.1380, 0.9180,

32.3280.

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

172.1380, 0.9180, 32.3280

Protanopia

169.7100, 6.5520, -1.4997

Deuteranopia

170.8920, 0.5462, 11.4957



Tritanopia

171.5140, -2.7184, 31.9982

Trichromacy



Original Color

172.1380, 0.9180, 32.3280

Protanomaly

170.9180, 4.4774, 10.5959

Deuteranomaly

171.3490, 0.8139, 18.9879

Tritanomaly

171.8560, -1.4080, 31.6983

Monochromacy



Original Color

172.1380, 0.9180, 32.3280

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8920, 0.5462, 11.4957

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1380, 0.9180, 32.3280 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(209, 153, 174)` looks like.

```
.text, #text, p{  
    color:rgb(209, 153, 174)  
}
```

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(209, 153, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 174) }
```

Border

The CSS property to change the border of an element to YUV 172.1380, 0.9180, 32.3280 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(209, 153, 174) }
```


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

```
.border{ border-color:rgb(209, 153, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 153, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 153, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 153, 174);  
box-shadow:4px 4px 4px 4px rgb(209, 153,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 172.1380, 0.9180, 32.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 174) }
```

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

```
.background{ background-color: rgb(209,  
153, 174) }
```

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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