

Converting Colors

YUV(172.5360, -9.6312, 9.1769)

Have a look what the booklet for
YUV(172.5360, -9.6312, 9.1769)
contains.

YUV(172.5360, -9.6312, 9.1769)	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(172.5360, -9.6312,
9.1769)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AB99
RGB	183, 171, 153
RGB Percent	72%, 67%, 60%
CMY	0.2824, 0.3294, 0.4000
CMYK	0.00, 0.07, 0.16, 0.28
HSL	36°, 17%, 66%
HSV	36°, 16%, 72%
XYZ	39.8411, 41.4930, 36.0461
YIQ	172.5360, 12.9300, -3.0540

Conversions

Conversions Part 2

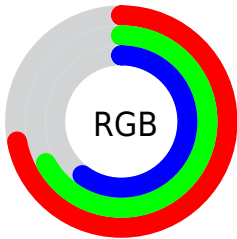
Format	Color
RYB	173, 183, 153
Decimal	12037017
CIELab	70.52, 1.27, 10.82
CIELCh	71, 10.891, 83.320
Yxy	41.4930, 0.3394, 0.3535
Android (android.graphics.Color)	4290227097 (0xFFB7AB99)
YUV	172.5360, -9.6312, 9.1769
Hunter-Lab	64.4151, -2.3230, 11.9124

Details

The YUV color **172.5360, -9.6312, 9.1769** is a light color, and the websafe version is hex **999999**. A complement of this color would be **163.4640, 9.6312, -9.1769**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7210, -10.2155, 9.8917**, and **120.3510, -9.0470, 8.4622** is the 20% darker color. If you saturate the color by 10%, you get **166.3750, -15.4679, 14.5801**, and if you desaturate by 10%, it is **178.6970, -3.7946, 3.7737**.

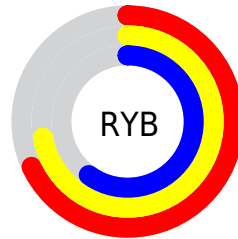
Distribution



Red (72%)

Green (67%)

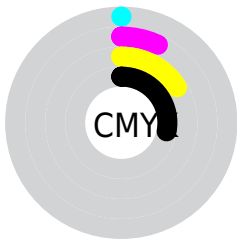
Blue (60%)



Red (68%)

Yellow (72%)

Blue (60%)

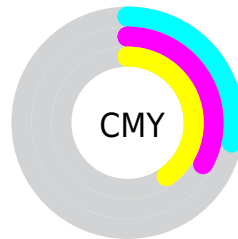


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5360, -9.6312, 9.1769 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 172.5360, -9.6312, 9.1769 by changing the saturation by 10% instead.

■ 172.5360, -9.6312,
9.1769

■ 172.5360, -9.6312,
9.1769

255.0000, 0.0000,
0.0000

■ 146.2370, -9.4838,
8.5622

■ 227.7210,
-10.2155, 9.8917

■ 120.3510, -9.0470,
8.4622

■ 252.8340, -8.2992,
1.8996

■ 95.4650, -8.6102,
8.3622

■ 71.8670, -8.3154,
7.1326

■ 49.0950, -7.4418,
6.9327

■ 27.6820, -7.7312,
6.4179

■ 2.3810, -1.1738,

3.1739

■ 0.0000, 0.0000,
0.0000

■ 172.5360, -9.6312,
9.1769

■ 172.5360, -9.6312,
9.1769

■ 166.3750,
-15.4679, 14.5801

■ 178.6970, -3.7946,
3.7737

■ 159.5130,
-21.4519, 20.5981

■ 185.5590, 2.1894,
-2.2442

■ 153.3520,
-27.2885, 26.0013

■ 191.7200, 8.0260,
-7.6474

■ 147.1910,
-33.1252, 31.4045

■ 197.8810, 13.8627,
-13.0506

■ 140.3290,
-39.1092, 37.4225

■ 204.6290, 19.4099,
-18.9686

■ 134.1680,
-44.9458, 42.8257

■ 209.9920, 22.1889,
-23.6720

■ 128.0070,
-50.7825, 48.2289

■ 214.1010, 20.1632,
-27.2756

■ 121.2590,
-56.3297, 54.1469

■ 218.7970, 17.8481,
-31.3940

■ 119.2870,
-58.8085, 55.8763

■ 222.9060, 15.8223,
-34.9976

Harmonies

Analogous

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



173.6230, -8.1951, 15.2396



172.5360, -9.6312, 9.1769



171.1220, -8.4411, 0.7700

Triad

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



172.5360, -9.6312, 9.1769



169.2580, 5.2958, -18.6433



174.3090, 4.7777, 7.6220

Complementary

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



172.5360, -9.6312, 9.1769



163.4640, 9.6312, -9.1769

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.



173.5790, 8.5886, -1.3848



172.5360, -9.6312, 9.1769



170.4800, 8.6374, -17.0840

Square

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



172.5360, -9.6312, 9.1769



169.3140, 0.3382, -15.1844



171.8660, 9.9261, -10.4065



174.5010, 0.2460, 14.4696

Rectangle

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



172.5360, -9.6312, 9.1769



170.3600, -6.0935, -5.5777



171.8660, 9.9261, -10.4065



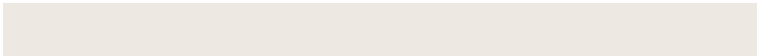
174.3410, 6.2409, 4.9629

Sweetspot

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



172.5360, -9.6312, 9.1769



232.6970, -3.7946, 3.7737



163.3380, 0.8194, 17.2436



117.4410, -2.1894, 2.2442



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



172.5360, -9.6312, 9.1769



220.4890, -15.0311, 14.4801



178.9820, -12.8091, 1.7698



88.6260, -2.7736, 2.9590



101.2350, -49.9089, 48.0289



18.3510, -9.0470, 8.4622

Inverse Universe

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



163.4640, 9.6312, -9.1769



206.5110, 15.0311, -14.4801



157.3170, 12.6617, -1.1550



85.7870, 3.0630, -2.4442



54.1780, 50.1982, -47.5141



9.6490, 9.0470, -8.4622

Previews

White Background



This preview shows how the YUV color 172.5360, -9.6312, 9.1769 looks on a white background.

Color Contrast Check

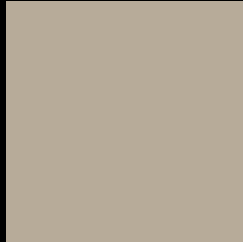
Large Text (above 18pt) WCAG AA × Fail

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 172.5360, -9.6312, 9.1769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

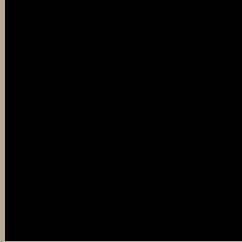
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.5360, -9.6312, 9.1769

Background



This preview shows how black text looks on a background with the YUV color 172.5360, -9.6312, 9.1769.



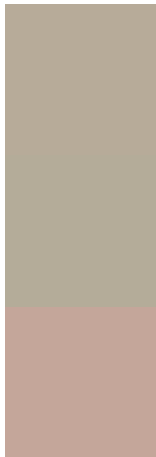
This preview shows how white text looks on a background with the YUV color 172.5360, -9.6312,

9.1769.

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

172.5360, -9.6312, 9.1769

Protanopia

172.2260, -9.4784, 6.8178

Deuteranopia

173.6020, -9.6638, 19.6430



Tritanopia

174.4620, 2.7302, 10.9958

Trichromacy



Original Color

172.5360, -9.6312, 9.1769

Protanomaly

172.5250, -9.6258, 7.4326

Deuteranomaly

173.2810, -9.5055, 15.5396

Tritanomaly

173.6100, -1.7797, 10.8660

Monochromacy



Original Color

172.5360, -9.6312, 9.1769

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8110, -3.3578, 3.6738

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5360, -9.6312, 9.1769 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(183, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(183, 171, 153)  
}
```

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(183, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 171, 153) }
```

Border

The CSS property to change the border of an element to YUV 172.5360, -9.6312, 9.1769 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(183, 171, 153) }
```


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

```
.border{ border-color:rgb(183, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(183, 171,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 172.5360, -9.6312, 9.1769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 171, 153) }
```

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

```
.background{ background-color: rgb(183,  
171, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor