

Converting Colors

YUV(159.7490, 10.9697,
28.2841)

Have a look what the booklet for
YUV(159.7490, 10.9697, 28.2841)
contains.

YUV(159.7490, 10.9697, 28.2841)	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(159.7490, 10.9697,
28.2841)**

Conversions

Conversions Part 1

Format	Color
Hex	C08BB6
RGB	192, 139, 182
RGB Percent	75%, 55%, 71%
CMY	0.2471, 0.4549, 0.2863
CMYK	0.00, 0.28, 0.05, 0.25
HSL	311°, 30%, 65%
HSV	311°, 28%, 75%
XYZ	39.4143, 33.0491, 48.5577
YIQ	159.7490, 17.7850, 24.6090

Conversions

Conversions Part 2

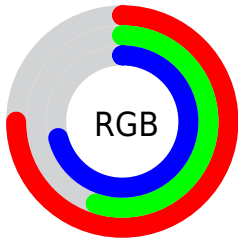
Format	Color
R _Y B	192, 139, 182
Decimal	12618678
CIE Lab	64.20, 27.16, -14.53
CIE LCh	64, 30.804, 331.866
Yxy	33.0491, 0.3257, 0.2731
Android (android.graphics.Color)	4290808758 (0xFFC08BB6)
YUV	159.7490, 10.9697, 28.2841
Hunter-Lab	57.4884, 21.7760, -9.8376

Details

The YUV color **159.7490, 10.9697, 28.2841** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171.2510, -10.9697, -28.2841**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8740, 11.4011, 29.9285**, and **107.6240, 10.5384, 26.6398** is the 20% darker color. If you saturate the color by 10%, you get **148.1400, 14.7210, 38.4652**, and if you desaturate by 10%, it is **171.3580, 7.2185, 18.1030**.

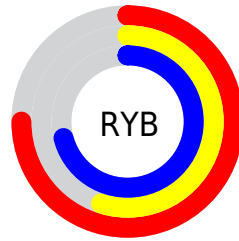
Distribution



Red (75%)

Green (55%)

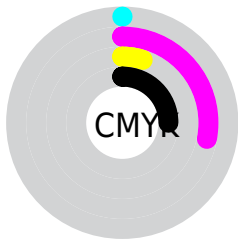
Blue (71%)



Red (75%)

Yellow (55%)

Blue (71%)

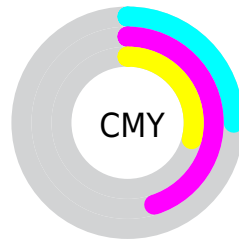


Cyan (0%)

Magenta (28%)

Yellow (5%)

Black (25%)



Cyan (25%)


Magenta (45%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.7490, 10.9697, 28.2841 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 159.7490, 10.9697, 28.2841 by changing the saturation by 10% instead.

 159.7490, 10.9697,
28.2841

 159.7490, 10.9697,
28.2841


255.0000, 0.0000,
0.0000


 133.3360, 10.6804,
27.7693

 214.8740, 11.4011,
29.9285


 107.6240, 10.5384,
26.6398


 235.0420, 9.8393,
17.5032

 82.9120, 10.3964,
25.5102

 252.0650, 1.4470,
2.5740

 59.2000, 10.2544,
24.3806

 35.6020, 10.5492,
23.1510

 15.9500, 9.3917,
21.0919

 1.2540, 4.8048,

-1.0998

0.0000, 0.0000,
0.0000

159.7490, 10.9697,
28.2841

159.7490, 10.9697,
28.2841

148.1400, 14.7210,
38.4652

171.3580, 7.2185,
18.1030

136.6450, 18.9090,
48.5463

182.8530, 3.0305,
8.0219

124.4490, 22.9496,
59.2422

195.0490, -1.0102,
-2.6740

112.9540, 27.1377,
69.3233

206.5440, -5.1982,
-12.7551

101.3450, 30.8889,
79.5044

218.1530, -8.9494,
-22.9362

■ 89.7360, 34.6402,
89.6855

■ 229.7620,
-12.7007, -33.1173

■ 78.2410, 38.8282,
99.7666

■ 230.6910,
-11.6797, -33.9320

■ 75.1920, 39.8383,
102.4406

■ 231.1470, -9.9325,
-34.3319

■ 231.6030, -8.1853,
-34.7318

Harmonies

Analogous

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



158.0430, 21.6708, 2.5933



159.7490, 10.9697, 28.2841



159.1070, -2.0248, 42.8792

Triad

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



159.7490, 10.9697, 28.2841



153.5250, -26.3878, 17.0796



138.7060, 22.3299, -69.0252

Complementary

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



159.7490, 10.9697, 28.2841



171.2510, -10.9697, -28.2841

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.



141.7820, 7.0095, -55.0598



159.7490, 10.9697, 28.2841



151.0490, -21.2232, -6.1820

Square

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



159.7490, 10.9697, 28.2841



156.0310, -23.6793, 35.0528



146.5110, -8.6329, -31.1431



143.9170, 29.1279, -56.0552

Rectangle

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



159.7490, 10.9697, 28.2841



158.1260, -10.9081, 45.4935



146.5110, -8.6329, -31.1431



138.5770, 17.9565, -66.2810

Sweetspot

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



159.7490, 10.9697, 28.2841



237.8040, 4.0406, 10.6959



148.0320, 21.6762, 0.8489



117.1410, 2.8885, 6.8923



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.



159.7490, 10.9697, 28.2841



199.4550, 17.0307, 44.3280



156.7850, -0.3870, 30.8836



90.9020, 2.0203, 5.3479



62.9590, 33.0512, 85.9820



12.9450, 6.9291, 17.5882

Inverse Universe

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



159.7490, 10.9697, 28.2841



199.4550, 17.0307, 44.3280



174.2150, 0.3870, -30.8836



90.9020, 2.0203, 5.3479



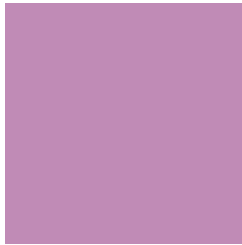
62.9590, 33.0512, 85.9820



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 159.7490, 10.9697, 28.2841 looks on a white background.

Color Contrast Check

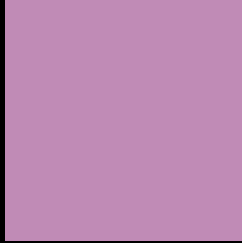
Large Text (above 18pt) WCAG AA × Fail

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 159.7490, 10.9697, 28.2841 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 159.7490, 10.9697, 28.2841 Background



This preview shows how black text looks on a background with the YUV color 159.7490, 10.9697, 28.2841.



This preview shows how white text looks on a background with the YUV color 159.7490, 10.9697, 28.2841.

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

159.7490, 10.9697, 28.2841

Protanopia

156.2390, 17.6302, -8.1026

Deuteranopia

157.5840, 11.0511, 2.1188



Tritanopia

158.4100, -1.6811, 25.9504

Trichromacy



Original Color

159.7490, 10.9697, 28.2841

Protanomaly

157.6320, 14.9714, 4.7077

Deuteranomaly

158.3510, 11.1660, 11.9702

Tritanomaly

158.6750, 3.1182, 26.5950

Monochromacy



Original Color

159.7490, 10.9697, 28.2841

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8040, 4.0406, 10.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7490, 10.9697, 28.2841 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, 139, 182)` looks like.

```
.text, #text, p{  
    color:rgb(192, 139, 182)  
}
```

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, 139, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 139, 182) }
```

Border

The CSS property to change the border of an element to YUV 159.7490, 10.9697, 28.2841 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, 139, 182) }
```


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

```
.border{ border-color:rgb(192, 139, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 139, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 139, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 139, 182); box-shadow:4px 4px 4px 4px rgb(192, 139, 182) }
```

Background

The CSS property to change the background color of an element to YUV 159.7490, 10.9697, 28.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 139, 182) }
```

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

```
.background{ background-color: rgb(192,  
139, 182) }
```

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