

Converting Colors

YUV(174.3900, 8.6817, 15.4440)

Have a look what the booklet for
YUV(174.3900, 8.6817, 15.4440)
contains.

YUV(174.3900, 8.6817, 15.4440)	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(174.3900, 8.6817,
15.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A2C0
RGB	192, 162, 192
RGB Percent	75%, 64%, 75%
CMY	0.2471, 0.3647, 0.2471
CMYK	0.00, 0.16, 0.00, 0.25
HSL	300°, 19%, 69%
HSV	300°, 16%, 75%
XYZ	44.1730, 40.8529, 55.4264
YIQ	174.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

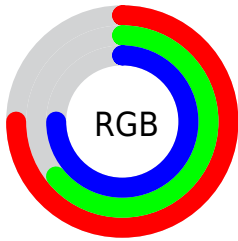
Format	Color
R_{YB}	192, 162, 192
Decimal	12624576
CIE _{Lab}	70.07, 16.29, -11.29
CIE _{LCh}	70, 19.822, 325.279
Yxy	40.8529, 0.3145, 0.2909
Android (android.graphics.Color)	4290814656 (0xFFC0A2C0)
YUV	174.3900, 8.6817, 15.4440
Hunter-Lab	63.9163, 11.5091, -6.6732

Details

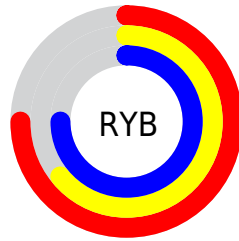
The YUV color $174.3900, 8.6817, 15.4440$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $179.6100, -8.6817, -15.4440$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.1020, 8.8237, 16.5735$, and $121.6780, 8.5397, 14.3144$ is the 20% darker color. If you saturate the color by 10%, you get $163.2370, 14.1802, 25.2252$, and if you desaturate by 10%, it is $185.5430, 3.1833, 5.6628$.

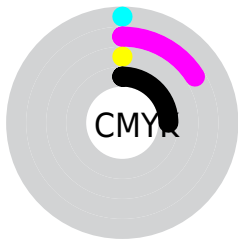
Distribution



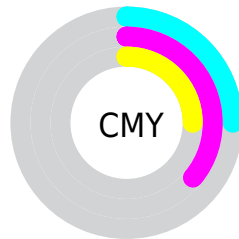
- Red (75%)
- Green (64%)
- Blue (75%)



- Red (75%)
- Yellow (64%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (25%)





- Cyan (25%)
- Magenta (36%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.3900, 8.6817, 15.4440 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 174.3900, 8.6817, 15.4440 by changing the saturation by 10% instead.

 174.3900, 8.6817,
15.4440


 174.3900, 8.6817,
15.4440


255.0000, 0.0000,
0.0000

 147.9770, 8.3923,
14.9292


 230.1020, 8.8237,
16.5735


 121.6780, 8.5397,
14.3144

 249.1300, 2.8939,
5.1480

 97.1510, 7.8136,
13.8996

 72.8520, 7.9610,
13.2848

 50.0260, 7.3822,
12.2552

 28.6130, 7.0928,
11.7404

 9.7980, 6.5086,

12.4552

■ 0.0000, 0.0000,
0.0000

■ 174.3900, 8.6817,
15.4440

■ 174.3900, 8.6817,
15.4440

■ 163.2370, 14.1802,
25.2252

■ 185.5430, 3.1833,
5.6628

■ 152.0840, 19.6786,
35.0063

■ 196.6960, -2.3151,
-4.1184

■ 140.3440, 25.4664,
45.3023

■ 208.4360, -8.1029,
-14.4144

■ 129.1910, 30.9648,
55.0835

■ 219.5890,
-13.6014, -24.1956

■ 118.0380, 36.4633,
64.8647

■ 228.9810,
-18.2316, -32.4323

■ 106.8850, 41.9617,
74.6459

■ 95.7320, 47.4601,
84.4270

■ 83.9920, 53.2479,
94.7230

■ 79.2960, 55.5631,
98.8414

Harmonies

Analogous

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



173.0010, 15.2825, -1.7549



174.3900, 8.6817, 15.4440



174.5780, 0.2080, 26.6801

Triad

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



174.3900, 8.6817, 15.4440



170.9190, -17.2151, 14.9800



163.9290, 10.8810, -36.7717

Complementary

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



174.3900, 8.6817, 15.4440



179.6100, -8.6817, -15.4440

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.



164.5680, 1.6920, -29.4391



174.3900, 8.6817, 15.4440



169.1020, -14.8403, -0.0895

Square

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



174.3900, 8.6817, 15.4440



172.2670, -14.9216, 26.0758



166.4250, -8.0975, -16.1587



166.1450, 16.6905, -33.4532

Rectangle

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



174.3900, 8.6817, 15.4440



174.4060, -5.6232, 30.3389



166.4250, -8.0975, -16.1587



164.1310, 7.8234, -36.0719

Sweetspot

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



174.3900, 8.6817, 15.4440



242.3690, 3.7621, 6.6924



165.4200, 13.1039, -2.9993



120.3040, 2.3151, 4.1184



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.



174.3900, 8.6817, 15.4440



221.8240, 13.8908, 24.7104



172.6800, 2.1298, 16.9436



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Inverse Universe

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



174.3900, 8.6817, 15.4440



221.8240, 13.8908, 24.7104



181.3200, -2.1298, -16.9436



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 174.3900, 8.6817, 15.4440 looks on a white background.

Color Contrast Check

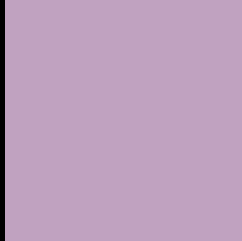
Large Text (above 18pt) WCAG AA × Fail

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 174.3900, 8.6817, 15.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

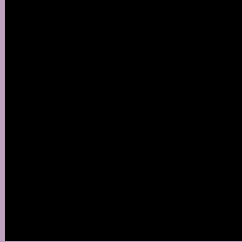
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.3900, 8.6817, 15.4440

Background



This preview shows how black text looks on a background with the YUV color 174.3900, 8.6817, 15.4440.



This preview shows how white text looks on a background with the YUV color 174.3900, 8.6817,

15.4440.

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

174.3900, 8.6817, 15.4440

Protanopia

172.1810, 12.2358, -4.5437

Deuteranopia

173.3240, 8.7143, 4.9779



Tritanopia

173.8430, 1.5564, 14.1697

Trichromacy



Original Color

174.3900, 8.6817, 15.4440

Protanomaly

172.8830, 10.9037, 2.7336

Deuteranomaly

173.6450, 8.5560, 9.0813

Tritanomaly

174.1250, 3.8824, 14.7994

Monochromacy



Original Color

174.3900, 8.6817, 15.4440

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.5430, 3.1833, 5.6628

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3900, 8.6817, 15.4440 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, 162, 192)` looks like.

```
.text, #text, p{  
    color:rgb(192, 162, 192)  
}
```

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, 162, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 162, 192) }
```

Border

The CSS property to change the border of an element to YUV 174.3900, 8.6817, 15.4440 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, 162, 192) }
```


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

```
.border{ border-color:rgb(192, 162, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 162, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 162, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 162, 192);  
box-shadow:4px 4px 4px 4px rgb(192, 162,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 174.3900, 8.6817, 15.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 162, 192) }
```

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

```
.background{ background-color: rgb(192,  
162, 192) }
```

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