

Converting Colors

YUV(159.2750, 36.8394,
37.4698)

Have a look what the booklet for
YUV(159.2750, 36.8394, 37.4698)
contains.

YUV(159.2750, 36.8394, 37.4698)	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(159.2750, 36.8394,
37.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7BEA
RGB	202, 123, 234
RGB Percent	79%, 48%, 92%
CMY	0.2078, 0.5176, 0.0824
CMYK	0.14, 0.47, 0.00, 0.08
HSL	283°, 73%, 70%
HSV	283°, 47%, 92%
XYZ	46.2914, 32.6630, 81.7067
YIQ	159.2750, 11.4530, 51.2690

Conversions

Conversions Part 2

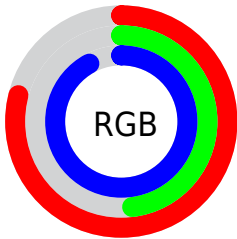
Format	Color
R _Y B	202, 123, 234
Decimal	13269994
CIE Lab	63.89, 49.05, -44.01
CIE LCh	64, 65.899, 318.101
Yxy	32.6630, 0.2881, 0.2033
Android (android.graphics.Color)	4291460074 (0xFFCA7BEA)
YUV	159.2750, 36.8394, 37.4698
Hunter-Lab	57.1515, 44.5655, -44.7578

Details

The YUV color **159.2750, 36.8394, 37.4698** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **197.7250, -36.8394, -37.4698**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2140, 22.5725, 40.1543**, and **105.6230, 35.6819, 35.4106** is the 20% darker color. If you saturate the color by 10%, you get **143.6810, 44.5273, 45.0068**, and if you desaturate by 10%, it is **174.8690, 29.1516, 29.9329**.

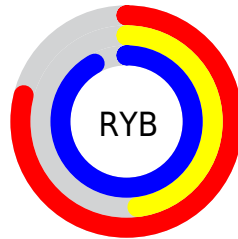
Distribution



Red (79%)

Green (48%)

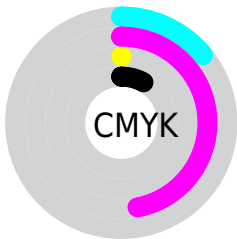
Blue (92%)



Red (79%)

Yellow (48%)

Blue (92%)

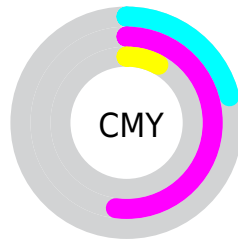


Cyan (14%)

Magenta (47%)

Yellow (0%)

Black (8%)



Cyan (21%)


Magenta (52%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.2750, 36.8394, 37.4698 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 159.2750, 36.8394, 37.4698 by changing the saturation by 10% instead.


 159.2750, 36.8394,
37.4698


 159.2750, 36.8394,
37.4698


255.0000, 0.0000,
0.0000

 132.4490, 36.2606,
36.4402


 209.2140, 22.5725,
40.1543


 105.6230, 35.6819,
35.4106


 226.2370, 14.1802,
25.2252

 78.9110, 35.5399,
34.2811

 242.6730, 6.0772,
10.8108

 50.4490, 36.2606,
36.4402

 30.7210, 33.6615,
30.0627

 20.3960, 26.4268,
17.1927

 8.2060, 21.0974,

-0.1807

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 159.2750, 36.8394,
37.4698

■ 159.2750, 36.8394,
37.4698

■ 143.6810, 44.5273,
45.0068

■ 174.8690, 29.1516,
29.9329

■ 127.7990, 52.3571,
53.6733

■ 190.7510, 21.3218,
21.2664

■ 112.2050, 60.0449,
61.2102

■ 206.3450, 13.6339,
13.7294

■ 96.0240, 68.0222,
69.2620

■ 222.5260, 5.6567,
5.6777

80.4300, 75.7100,
76.7989

238.1200, -2.0312,
-1.8592

76.6090, 77.5938,
79.2729

248.7190, -7.2565,
-5.8926

250.8120, -8.2883,
-1.5891

252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



148.5260, 52.4917, -36.4183



159.2750, 36.8394, 37.4698



154.3720, 13.1276, 82.9888

Triad

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



159.2750, 36.8394, 37.4698



148.2600, -61.2602, 48.8840



128.4940, 30.3225, -112.6892

Complementary

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



159.2750, 36.8394, 37.4698



197.7250, -36.8394, -37.4698

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.



120.9530, 3.9672, -106.0758



159.2750, 36.8394, 37.4698



143.1530, -59.2354, 6.0048

Square

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



159.2750, 36.8394, 37.4698



150.2620, -40.5552, 81.3312



134.1410, -31.1285, -49.2357



132.5470, 53.4673, -116.2437

Rectangle

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



159.2750, 36.8394, 37.4698



149.2580, -4.0712, 92.7357



134.1410, -31.1285, -49.2357



126.2140, 21.5865, -110.6897

Sweetspot

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



159.2750, 36.8394, 37.4698



230.8780, 11.8921, 12.3850



155.0250, 38.9347, -28.0859



112.9930, 7.3985, 7.0221



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.



159.2750, 36.8394, 37.4698



157.3270, 48.1528, 48.8252



166.3350, 22.5128, 59.3422



109.6460, 3.6255, 3.8185



59.2050, 60.0449, 61.2102



17.5180, 17.9856, 17.9627

Inverse Universe

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



159.8370, -2.3846, 65.0410



158.1430, -3.0285, 84.9436



190.6650, -22.5128, -59.3422



109.6310, -0.3111, 6.4626



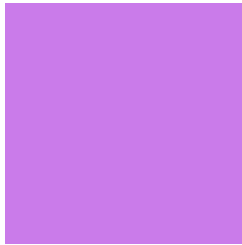
60.0470, -3.9672, 106.0758



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 159.2750, 36.8394, 37.4698 looks on a white background.

Color Contrast Check

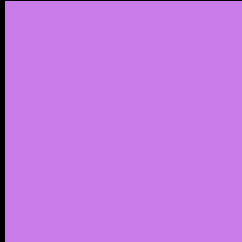
Large Text (above 18pt) WCAG AA × Fail

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 159.2750, 36.8394, 37.4698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

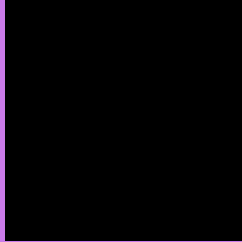
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.2750, 36.8394, 37.4698

Background



This preview shows how black text looks on a background with the YUV color 159.2750, 36.8394, 37.4698.



This preview shows how white text looks on a background with the YUV color 159.2750, 36.8394, 37.4698.

37.4698.

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

159.2750, 36.8394, 37.4698

Protanopia

152.0810, 50.7391, -34.2740

Deuteranopia

153.4660, 36.7453, -25.8417



Tritanopia

157.6060, -2.2708, 28.4095

Trichromacy



Original Color

159.2750, 36.8394, 37.4698



Protanomaly

154.2800, 45.7110, -8.1386



Deuteranomaly

155.6090, 36.6748, -3.1651



Tritanomaly

157.9990, 11.8325, 31.5729

Monochromacy



Original Color

159.2750, 36.8394, 37.4698



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.2310, 13.1971, 13.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2750, 36.8394, 37.4698 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(202, 123, 234)` looks like.

```
.text, #text, p{  
    color:rgb(202, 123, 234)  
}
```

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(202, 123, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 123, 234) }
```

Border

The CSS property to change the border of an element to YUV 159.2750, 36.8394, 37.4698 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(202, 123, 234) }
```


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

```
.border{ border-color:rgb(202, 123, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 123, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 123, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 123, 234);  
box-shadow:4px 4px 4px 4px rgb(202, 123,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 159.2750, 36.8394, 37.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 123, 234) }
```

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

```
.background{ background-color: rgb(202,  
123, 234) }
```

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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