

Converting Colors

YUV(159.7270, 14.4316,
37.9504)

Have a look what the booklet for
YUV(159.7270, 14.4316, 37.9504)
contains.

YUV(159.7270, 14.4316, 37.9504)	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(159.7270, 14.4316,
37.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	CB84BD
RGB	203, 132, 189
RGB Percent	80%, 52%, 74%
CMY	0.2039, 0.4824, 0.2588
CMYK	0.00, 0.35, 0.07, 0.20
HSL	312°, 41%, 66%
HSV	312°, 35%, 80%
XYZ	42.0652, 32.8732, 52.2722
YIQ	159.7270, 24.0190, 32.7790

Conversions

Conversions Part 2

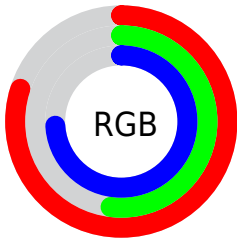
Format	Color
R _Y B	203, 132, 189
Decimal	13337789
CIE _{Lab}	64.06, 35.96, -18.57
CIE _{LCh}	64, 40.470, 332.684
Y _{xy}	32.8732, 0.3307, 0.2584
Android (android.graphics.Color)	4291527869 (0xFFCB84BD)
Y _{UV}	159.7270, 14.4316, 37.9504
Hunter-Lab	57.3351, 30.6240, -13.9199

Details

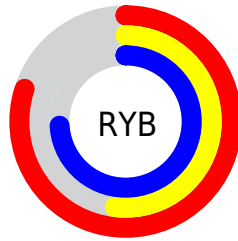
The YUV color **159.7270, 14.4316, 37.9504** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175.2730, -14.4316, -37.9504**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3570, 15.6000, 36.5209**, and **107.3030, 14.1476, 35.6913** is the 20% darker color. If you saturate the color by 10%, you get **147.5310, 18.4722, 48.6463**, and if you desaturate by 10%, it is **171.9230, 10.3910, 27.2545**.

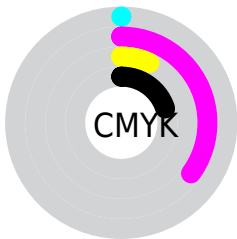
Distribution



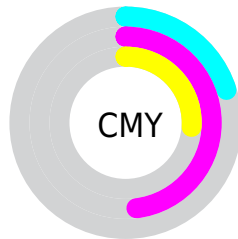
- Red (80%)
- Green (52%)
- Blue (74%)



- Red (80%)
- Yellow (52%)
- Blue (74%)



- Cyan (0%)
- Magenta (35%)
- Yellow (7%)
- Black (20%)





- Cyan (20%)
- Magenta (48%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.7270, 14.4316, 37.9504 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 159.7270, 14.4316, 37.9504 by changing the saturation by 10% instead.


 159.7270, 14.4316,
37.9504


 159.7270, 14.4316,
37.9504


255.0000, 0.0000,
0.0000


 133.0150, 14.2896,
36.8208


 213.3570, 15.6000,
36.5209


 107.3030, 14.1476,
35.6913


 230.9330, 11.8650,
21.1068

 81.5910, 14.0056,
34.5617

 247.9560, 3.4727,
6.1776

 56.9930, 14.3005,
33.3321

 30.3460, 15.6054,
34.7766

 18.6130, 10.5438,
24.8954

 6.9500, 5.9407,

7.9369

■ 0.0000, 0.0000,
0.0000

■ 159.7270, 14.4316,
37.9504

■ 159.7270, 14.4316,
37.9504

■ 147.5310, 18.4722,
48.6463

■ 171.9230, 10.3910,
27.2545

■ 134.7480, 22.8022,
59.8570

■ 184.7060, 6.0609,
16.0438

■ 122.5520, 26.8429,
70.5529

■ 196.9020, 2.0203,
5.3479

■ 110.3560, 30.8835,
81.2488

■ 209.0980, -2.0203,
-5.3479

■ 98.1600, 34.9241,
91.9447

■ 221.8810, -6.3503,
-16.5586

■ 85.3770, 39.2541,
103.1554

■ 234.0770,
-10.3910, -27.2545

■ 79.2790, 41.2745,
108.5033

■ 235.1200, -8.9332,
-28.1692

■ 235.5760, -7.1860,
-28.5692

■ 236.0320, -5.4388,
-28.9691

Harmonies

Analogous

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



158.4760, 28.3593, 3.9675



159.7270, 14.4316, 37.9504



158.0810, -2.5049, 56.9340

Triad

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



159.7270, 14.4316, 37.9504



152.0710, -34.5450, 20.1087



123.5530, 34.2374, -108.3560

Complementary

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



159.7270, 14.4316, 37.9504



175.2730, -14.4316, -37.9504

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.



125.1190, 15.7173, -94.8204



159.7270, 14.4316, 37.9504



148.4200, -27.3221, -10.0153

Square

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



159.7270, 14.4316, 37.9504



154.5500, -30.8371, 44.2447



141.6790, -10.1947, -43.5685



123.5820, 47.0411, -108.3814

Rectangle

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



159.7270, 14.4316, 37.9504



156.8180, -13.7143, 58.9186



141.6790, -10.1947, -43.5685



122.8860, 29.1432, -107.7710

Sweetspot

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



159.7270, 14.4316, 37.9504



239.7550, 5.0508, 13.3699



143.9810, 29.0964, 0.8937



118.1520, 2.8831, 8.6367



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.



159.7270, 14.4316, 37.9504



189.7970, 21.7921, 57.1830



155.7370, -0.8563, 41.4497



95.9020, 2.0203, 5.3479



64.7960, 33.6246, 88.7559



14.8960, 7.9393, 20.2622

Inverse Universe

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



159.7270, 14.4316, 37.9504



189.7970, 21.7921, 57.1830



179.2630, 0.8563, -41.4497



95.9020, 2.0203, 5.3479



64.7960, 33.6246, 88.7559



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 159.7270, 14.4316, 37.9504 looks on a white background.

Color Contrast Check

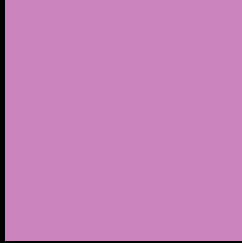
Large Text (above 18pt) WCAG AA × Fail

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 159.7270, 14.4316, 37.9504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

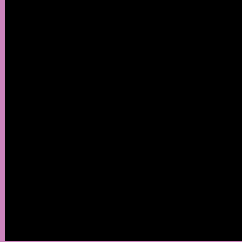
Any Text WCAG AA ✓ Pass

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 159.7270, 14.4316, 37.9504 Background



This preview shows how black text looks on a background with the YUV color 159.7270, 14.4316, 37.9504.



This preview shows how white text looks on a background with the YUV color 159.7270, 14.4316,

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

159.7270, 14.4316, 37.9504

Protanopia

156.1120, 23.6088, -12.3762

Deuteranopia

156.9580, 13.8247, -0.8402



Tritanopia

158.4820, -4.1816, 34.6573

Trichromacy



Original Color

159.7270, 14.4316, 37.9504

Protanomaly

157.4240, 20.4970, 5.7672

Deuteranomaly

158.0460, 13.7813, 13.1147

Tritanomaly

158.9150, 2.5069, 36.0315

Monochromacy



Original Color

159.7270, 14.4316, 37.9504

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.1680, 5.3402, 13.8847

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7270, 14.4316, 37.9504 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(203, 132, 189)` looks like.

```
.text, #text, p{  
    color:rgb(203, 132, 189)  
}
```

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(203, 132, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 132, 189) }
```

Border

The CSS property to change the border of an element to YUV 159.7270, 14.4316, 37.9504 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(203, 132, 189) }
```


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

```
.border{ border-color:rgb(203, 132, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 132, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 132, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 132, 189);  
box-shadow:4px 4px 4px 4px rgb(203, 132,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 159.7270, 14.4316, 37.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 132, 189) }
```

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

```
.background{ background-color: rgb(203,  
132, 189) }
```

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