

Converting Colors

YUV(159.4960, 4.6855, 37.2760)

Have a look what the booklet for
YUV(159.4960, 4.6855, 37.2760)
contains.

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Color

**YUV(159.4960, 4.6855,
37.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	CA88A9
RGB	202, 136, 169
RGB Percent	79%, 53%, 66%
CMY	0.2078, 0.4667, 0.3373
CMYK	0.00, 0.33, 0.16, 0.21
HSL	330°, 38%, 66%
HSV	330°, 33%, 79%
XYZ	40.3227, 33.0294, 41.7862
YIQ	159.4960, 28.7430, 24.2550

Conversions

Conversions Part 2

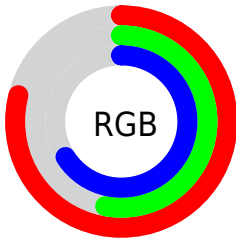
Format	Color
R_{YB}	202, 136, 169
Decimal	13273257
CIE _{Lab}	64.18, 30.08, -7.09
CIE _{LCh}	64, 30.900, 346.733
Yxy	33.0294, 0.3502, 0.2869
Android (android.graphics.Color)	4291463337 (0xFFCA88A9)
YUV	159.4960, 4.6855, 37.2760
Hunter-Lab	57.4713, 24.6636, -2.8787

Details

The YUV color **159.4960, 4.6855, 37.2760** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **178.5040, -4.6855, -37.2760**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3110, 5.2697, 36.5613**, and **107.1860, 4.8383, 34.9169** is the 20% darker color. If you saturate the color by 10%, you get **146.6160, 6.1053, 48.5718**, and if you desaturate by 10%, it is **172.3760, 3.2656, 25.9802**.

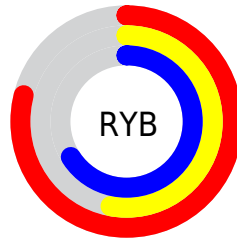
Distribution



Red (79%)

Green (53%)

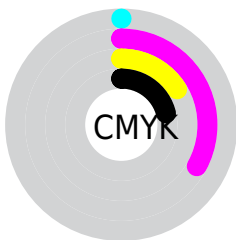
Blue (66%)



Red (79%)

Yellow (53%)

Blue (66%)

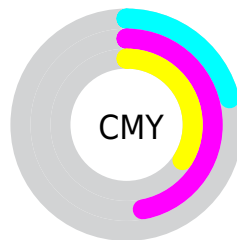


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (21%)



Cyan (21%)

Magenta (47%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.4960, 4.6855, 37.2760 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 159.4960, 4.6855, 37.2760 by changing the saturation by 10% instead.


 159.4960, 4.6855,
37.2760


 159.4960, 4.6855,
37.2760


255.0000, 0.0000,
0.0000

 132.8980, 4.9803,
36.0465


 213.3110, 5.2697,
36.5613

 107.1860, 4.8383,
34.9169


 233.0530, 9.8339,
19.2475

 82.1750, 4.8437,
33.1725

 250.3040, 2.3151,
4.1184

 57.6910, 5.5753,
31.8430

 33.6200, 6.5963,
31.0283

 16.7180, 4.5760,
25.6803

 3.8870, -1.9163,

7.9921

■ 0.0000, 0.0000,
0.0000

■ 159.4960, 4.6855,
37.2760

■ 159.4960, 4.6855,
37.2760

■ 146.6160, 6.1053,
48.5718

■ 172.3760, 3.2656,
25.9802

■ 133.7360, 7.5252,
59.8675

■ 185.2560, 1.8458,
14.6845

■ 120.2690, 9.2344,
71.6781

■ 198.7230, 0.1366,
2.8739

■ 107.3890, 10.6542,
82.9738

■ 211.6030, -1.2833,
-8.4218

■ 94.5090, 12.0741,
94.2696

■ 224.5970, -2.2663,
-19.8176

■ 81.5150, 13.0571,
105.6653

■ 236.3030, -3.1074,
-30.0837

■ 71.9120, 14.3404,
114.0872

■ 237.4430, 1.2606,
-31.0835

■ 238.5830, 5.6286,
-32.0833

■ 239.1530, 7.8126,
-32.5832

Harmonies

Analogous

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



159.2790, 17.1175, 16.4183



159.4960, 4.6855, 37.2760



158.1090, -8.4347, 45.5084

Triad

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



159.4960, 4.6855, 37.2760



152.5020, -24.8975, 5.6987



139.9820, 27.1239, -66.6362

Complementary

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



159.4960, 4.6855, 37.2760



178.5040, -4.6855, -37.2760

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.



139.4910, 15.0409, -64.4516



159.4960, 4.6855, 37.2760



149.0520, -15.8016, -18.4626

Square

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



159.4960, 4.6855, 37.2760



154.9930, -26.1255, 26.3161



144.3830, -1.1748, -43.3089



148.5210, 29.8161, -43.4299

Rectangle

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



159.4960, 4.6855, 37.2760



157.3340, -16.4337, 44.4341



144.3830, -1.1748, -43.3089



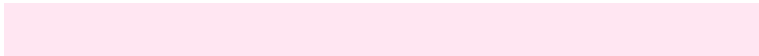
138.5750, 24.3665, -68.9103

Sweetspot

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



159.4960, 4.6855, 37.2760



238.8430, 1.5564, 14.1697



153.3910, 23.9642, 13.6891



117.6960, 1.1359, 9.0366



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.



159.4960, 4.6855, 37.2760



191.1870, 6.8098, 55.9640



155.7340, -9.7289, 40.5753



95.5600, 0.7099, 5.6479



59.0960, 11.7847, 93.7548



13.5280, 2.6977, 21.4619

Inverse Universe

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



159.4960, 4.6855, 37.2760



191.1870, 6.8098, 55.9640



182.2660, 9.7289, -40.5753



95.5600, 0.7099, 5.6479



59.0960, 11.7847, 93.7548



13.5280, 2.6977, 21.4619

Previews

White Background



This preview shows how the YUV color 159.4960, 4.6855, 37.2760 looks on a white background.

Color Contrast Check

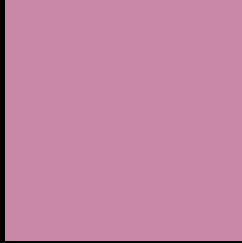
Large Text (above 18pt) WCAG AA × Fail

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 159.4960, 4.6855, 37.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

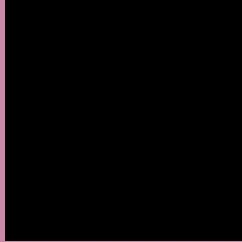
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.4960, 4.6855, 37.2760

Background



This preview shows how black text looks on a background with the YUV color 159.4960, 4.6855, 37.2760.



This preview shows how white text looks on a background with the YUV color 159.4960, 4.6855,

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

159.4960, 4.6855, 37.2760

Protanopia

156.7680, 11.9464, -5.0585

Deuteranopia

157.1950, 4.3409, 7.7220



Tritanopia

158.4930, -4.1870, 36.4016

Trichromacy



Original Color

159.4960, 4.6855, 37.2760

Protanomaly

157.8840, 9.4242, 10.6257

Deuteranomaly

158.2610, 4.3083, 18.1881

Tritanomaly

159.0030, -0.9875, 36.8314

Monochromacy



Original Color

159.4960, 4.6855, 37.2760

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.5440, 1.7038, 13.5549

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4960, 4.6855, 37.2760 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, 136, 169)` looks like.

```
.text, #text, p{  
    color:rgb(202, 136, 169)  
}
```

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, 136, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 136, 169) }
```

Border

The CSS property to change the border of an element to YUV 159.4960, 4.6855, 37.2760 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, 136, 169) }
```


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

```
.border{ border-color:rgb(202, 136, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 136, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 136, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 136, 169);  
box-shadow:4px 4px 4px 4px rgb(202, 136,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 159.4960, 4.6855, 37.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 136, 169) }
```

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

```
.background{ background-color: rgb(202,  
136, 169) }
```

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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