

Converting Colors

YUV(159.5760, 10.0690,
37.2058)

Have a look what the booklet for
YUV(159.5760, 10.0690, 37.2058)
contains.

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Color

**YUV(159.5760, 10.0690,
37.2058)**

Conversions

Conversions Part 1

Format	Color
Hex	CA86B4
RGB	202, 134, 180
RGB Percent	79%, 53%, 71%
CMY	0.2078, 0.4745, 0.2941
CMYK	0.00, 0.34, 0.11, 0.21
HSL	319°, 39%, 66%
HSV	319°, 34%, 79%
XYZ	41.1204, 32.9020, 47.3635
YIQ	159.5760, 25.7620, 28.7220

Conversions

Conversions Part 2

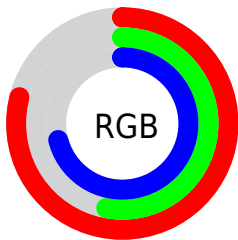
Format	Color
R_{YB}	202, 134, 180
Decimal	13272756
CIE _{Lab}	64.08, 32.98, -13.47
CIE _{LCh}	64, 35.625, 337.788
Yxy	32.9020, 0.3388, 0.2711
Android (android.graphics.Color)	4291462836 (0xFFCA86B4)
YUV	159.5760, 10.0690, 37.2058
Hunter-Lab	57.3603, 27.5825, -8.8046

Details

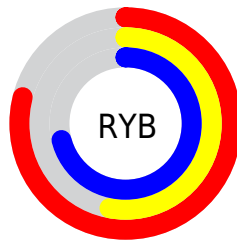
The YUV color **159.5760, 10.0690, 37.2058** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176.4240, -10.0690, -37.2058**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5050, 11.0900, 36.3911**, and **107.1520, 9.7851, 34.9467** is the 20% darker color. If you saturate the color by 10%, you get **147.0380, 12.7993, 48.2017**, and if you desaturate by 10%, it is **172.1140, 7.3388, 26.2100**.

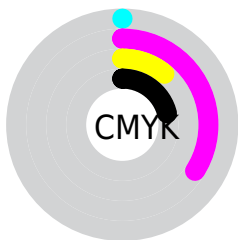
Distribution



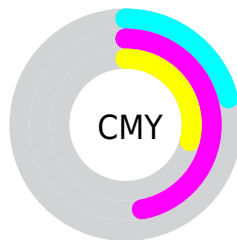
- Red (79%)
- Green (53%)
- Blue (71%)



- Red (79%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (21%)




- Cyan (21%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.5760, 10.0690, 37.2058 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 159.5760, 10.0690, 37.2058 by changing the saturation by 10% instead.


 159.5760, 10.0690,
37.2058


 159.5760, 10.0690,
37.2058


255.0000, 0.0000,
0.0000


 132.8640, 9.9270,
36.0763

 213.5050, 11.0900,
36.3911


 107.1520, 9.7851,
34.9467

 232.1070, 11.2862,
20.0772

 82.1410, 9.7905,
33.2023

 249.1300, 2.8939,
5.1480

 56.9560, 10.3747,
32.4876

 32.1840, 11.2483,
32.2876

 17.6300, 8.0704,
24.8805

 5.3970, 1.2833,

8.4218

■ 0.0000, 0.0000,
0.0000

■ 159.5760, 10.0690,
37.2058

■ 159.5760, 10.0690,
37.2058

■ 147.0380, 12.7993,
48.2017

■ 172.1140, 7.3388,
26.2100

■ 134.6140, 15.9663,
59.0975

■ 184.5380, 4.1718,
15.3142

■ 121.4890, 18.9859,
70.6081

■ 197.6630, 1.1521,
3.8035

■ 109.0650, 22.1530,
81.5040

■ 210.0870, -2.0149,
-7.0923

■ 96.5270, 24.8832,
92.4998

■ 222.6250, -4.7451,
-18.0881

■ 84.1030, 28.0502,
103.3957

■ 235.0490, -7.9122,
-28.9840

■ 76.0160, 30.0651,
110.4880

■ 235.8470, -4.8546,
-29.6838

■ 236.5310, -2.2338,
-30.2837

■ 237.3290, 0.8238,
-30.9835

Harmonies

Analogous

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



158.8420, 23.2489, 9.7856



159.5760, 10.0690, 37.2058



158.0650, -4.9620, 51.6860

Triad

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



159.5760, 10.0690, 37.2058



152.1780, -30.1608, 13.8759



124.1730, 33.9317, -103.6377

Complementary

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



159.5760, 10.0690, 37.2058



176.4240, -10.0690, -37.2058

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.



133.8980, 14.3473, -75.3325



159.5760, 10.0690, 37.2058



148.7770, -22.0751, -12.9594

Square

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



159.5760, 10.0690, 37.2058



154.7770, -28.4841, 36.1526



142.7160, -6.2690, -42.7239



140.8710, 35.5596, -65.6619

Rectangle

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



159.5760, 10.0690, 37.2058



157.1330, -14.8556, 51.6264



142.7160, -6.2690, -42.7239



125.2290, 28.9741, -100.1788

Sweetspot

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



159.5760, 10.0690, 37.2058



239.4130, 3.7404, 13.6698



148.3300, 26.4593, 6.7266



118.0380, 2.4463, 8.7367



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.



159.5760, 10.0690, 37.2058



191.3640, 15.1035, 55.8088



155.7000, -4.7821, 40.6051



95.7880, 1.5835, 5.4479



62.4020, 24.4518, 90.8554



14.3260, 5.7553, 20.7621

Inverse Universe

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



159.5760, 10.0690, 37.2058



191.3640, 15.1035, 55.8088



180.3000, 4.7821, -40.6051



95.7880, 1.5835, 5.4479



62.4020, 24.4518, 90.8554



14.3260, 5.7553, 20.7621

Previews

White Background



This preview shows how the YUV color 159.5760, 10.0690, 37.2058 looks on a white background.

Color Contrast Check

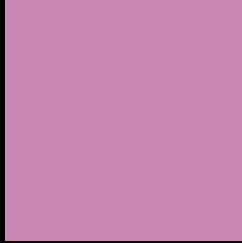
Large Text (above 18pt) WCAG AA × Fail

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 159.5760, 10.0690, 37.2058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

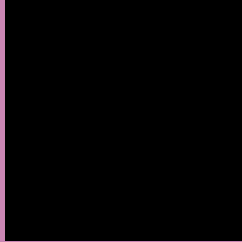
Any Text WCAG AA ✓ Pass

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 159.5760, 10.0690, 37.2058 Background



This preview shows how black text looks on a background with the YUV color 159.5760, 10.0690, 37.2058.



This preview shows how white text looks on a background with the YUV color 159.5760, 10.0690,

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

159.5760, 10.0690, 37.2058

Protanopia

156.1680, 18.6512, -8.9173

Deuteranopia

157.5410, 9.5933, 3.0335



Tritanopia

158.4820, -4.1816, 34.6573

Trichromacy



Original Color

159.5760, 10.0690, 37.2058

Protanomaly

157.4690, 15.5448, 7.4817

Deuteranomaly

158.0310, 9.8447, 15.7588

Tritanomaly

158.8610, 1.0545, 35.2019

Monochromacy



Original Color

159.5760, 10.0690, 37.2058

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.0000, 3.4510, 13.1550

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5760, 10.0690, 37.2058 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, 134, 180)` looks like.

```
.text, #text, p{  
    color:rgb(202, 134, 180)  
}
```

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, 134, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 134, 180) }
```

Border

The CSS property to change the border of an element to YUV 159.5760, 10.0690, 37.2058 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, 134, 180) }
```


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

```
.border{ border-color:rgb(202, 134, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 134, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 134, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 134, 180);  
box-shadow:4px 4px 4px 4px rgb(202, 134,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 159.5760, 10.0690, 37.2058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 134, 180) }
```

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

```
.background{ background-color: rgb(202,  
134, 180) }
```

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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