

Converting Colors

YUV(157.7840, 4.5435, 36.1464)

Have a look what the booklet for
YUV(157.7840, 4.5435, 36.1464)
contains.

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Color

**YUV(157.7840, 4.5435,
36.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	C787A7
RGB	199, 135, 167
RGB Percent	78%, 53%, 65%
CMY	0.2196, 0.4706, 0.3451
CMYK	0.00, 0.32, 0.16, 0.22
HSL	330°, 36%, 65%
HSV	330°, 32%, 78%
XYZ	39.1922, 32.2601, 40.7204
YIQ	157.7840, 27.8720, 23.5200

Conversions

Conversions Part 2

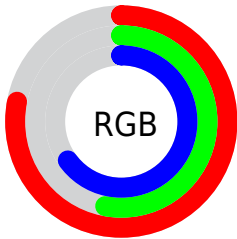
Format	Color
RYB	199, 135, 167
Decimal	13076391
CIELab	63.56, 29.24, -6.93
CIElCh	64, 30.045, 346.671
Yxy	32.2601, 0.3494, 0.2876
Android (android.graphics.Color)	4291266471 (0xFFC787A7)
YUV	157.7840, 4.5435, 36.1464
Hunter-Lab	56.7980, 23.7737, -2.7484

Details

The YUV color **157.7840, 4.5435, 36.1464** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176.2160, -4.5435, -36.1464**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4960, 4.6855, 37.2760**, and **105.4740, 4.6963, 33.7873** is the 20% darker color. If you saturate the color by 10%, you get **144.9040, 5.9633, 47.4422**, and if you desaturate by 10%, it is **170.6640, 3.1236, 24.8507**.

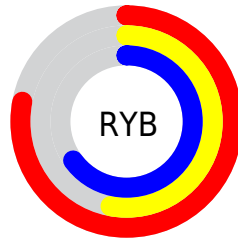
Distribution



Red (78%)

Green (53%)

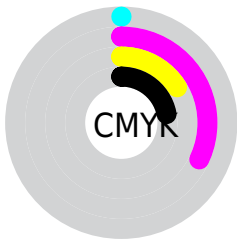
Blue (65%)



Red (78%)

Yellow (53%)

Blue (65%)

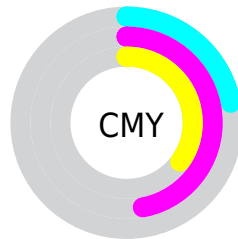


Cyan (0%)

Magenta (32%)

Yellow (16%)

Black (22%)



Cyan (22%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.7840, 4.5435, 36.1464 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 157.7840, 4.5435, 36.1464 by changing the saturation by 10% instead.

■ 157.7840, 4.5435,
36.1464

■ 157.7840, 4.5435,
36.1464

■ 255.0000, 0.0000,
0.0000

■ 131.1860, 4.8383,
34.9169

■ 212.4960, 4.6855,
37.2760

■ 105.4740, 4.6963,
33.7873

■ 232.2380, 9.2497,
19.9623

■ 80.8760, 4.9911,
32.5577

■ 249.7170, 2.6045,
4.6332

■ 56.8650, 4.9966,
30.8134

■ 32.2070, 6.3069,
30.5135

■ 16.0060, 4.4340,
24.5507

■ 1.1960, -0.5896,

2.4591

■ 0.0000, 0.0000,
0.0000

■ 157.7840, 4.5435,
36.1464

■ 157.7840, 4.5435,
36.1464

■ 144.9040, 5.9633,
47.4422

■ 170.6640, 3.1236,
24.8507

■ 132.0240, 7.3832,
58.7380

■ 183.5440, 1.7038,
13.5549

■ 119.1440, 8.8030,
70.0337

■ 196.4240, 0.2840,
2.2592

■ 106.2640, 10.2228,
81.3295

■ 209.3040, -1.1359,
-9.0366

■ 93.9710, 11.3533,
92.1104

■ 222.1840, -2.5557,
-20.3324

■ 81.0910, 12.7731,
103.4062

■ 234.4770, -3.6862,
-31.1133

■ 70.9010, 14.3458,
112.3428

■ 236.2040, 0.3924,
-32.6279

■ 237.3440, 4.7604,
-33.6277

■ 238.2560, 8.2548,
-34.4275

Harmonies

Analogous

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



157.7520, 16.3913, 16.0035



157.7840, 4.5435, 36.1464



156.5110, -8.1399, 44.2789

Triad

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



157.7840, 4.5435, 36.1464



150.7300, -24.0239, 5.4988



139.3630, 25.9500, -63.4624

Complementary

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



157.7840, 4.5435, 36.1464



176.2160, -4.5435, -36.1464

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.



138.6870, 14.4513, -61.9925



157.7840, 4.5435, 36.1464



147.4650, -15.5122, -17.9478

Square

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



157.7840, 4.5435, 36.1464



153.2210, -25.2520, 26.1162



143.0950, -1.0328, -42.1793



146.8910, 28.6477, -42.0004

Rectangle

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



157.7840, 4.5435, 36.1464



155.7360, -16.1388, 43.2045



143.0950, -1.0328, -42.1793



137.9560, 23.1927, -65.7364

Sweetspot

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



157.7840, 4.5435, 36.1464



238.8430, 1.5564, 14.1697



151.8640, 23.2380, 13.2743



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.



157.7840, 4.5435, 36.1464



191.1870, 6.8098, 55.9640



154.1360, -9.4340, 39.3457



93.1470, 0.4205, 5.1331



58.0850, 11.7901, 92.0105



12.8160, 2.5557, 20.3324

Inverse Universe

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



157.7840, 4.5435, 36.1464



191.1870, 6.8098, 55.9640



179.8640, 9.4340, -39.3457



93.1470, 0.4205, 5.1331



58.0850, 11.7901, 92.0105



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 157.7840, 4.5435, 36.1464 looks on a white background.

Color Contrast Check

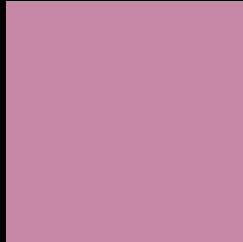
Large Text (above 18pt) WCAG AA × Fail

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 157.7840, 4.5435, 36.1464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

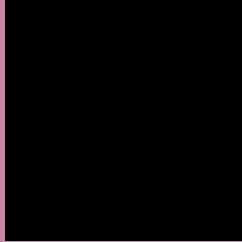
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.7840, 4.5435, 36.1464

Background



This preview shows how black text looks on a background with the YUV color 157.7840, 4.5435, 36.1464.



This preview shows how white text looks on a background with the YUV color 157.7840, 4.5435,

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

157.7840, 4.5435, 36.1464

Protanopia

154.9530, 11.3622, -4.3438

Deuteranopia

156.0810, 3.9041, 7.8220



Tritanopia

156.8950, -3.8922, 35.1721

Trichromacy



Original Color

157.7840, 4.5435, 36.1464

Protanomaly

155.7700, 8.9874, 10.7257

Deuteranomaly

156.8480, 4.0189, 17.6733

Tritanomaly

157.4050, -0.6927, 35.6018

Monochromacy



Original Color

157.7840, 4.5435, 36.1464

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1310, 1.4144, 13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.7840, 4.5435, 36.1464 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(199, 135, 167)` looks like.

```
.text, #text, p{  
    color:rgb(199, 135, 167)  
}
```

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(199, 135, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 135, 167) }
```

Border

The CSS property to change the border of an element to YUV 157.7840, 4.5435, 36.1464 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(199, 135, 167) }
```


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

```
.border{ border-color:rgb(199, 135, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 135, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 135, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 135, 167);  
box-shadow:4px 4px 4px 4px rgb(199, 135,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 157.7840, 4.5435, 36.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 135, 167) }
```

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

```
.background{ background-color: rgb(199,  
135, 167) }
```

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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