

Converting Colors

YUV(157.6830, -2.3087,
40.6200)

Have a look what the booklet for
YUV(157.6830, -2.3087, 40.6200)
contains.

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Color

**YUV(157.6830, -2.3087,
40.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8799
RGB	204, 135, 153
RGB Percent	80%, 53%, 60%
CMY	0.2000, 0.4706, 0.4000
CMYK	0.00, 0.34, 0.25, 0.20
HSL	344°, 40%, 66%
HSV	344°, 34%, 80%
XYZ	39.3156, 32.4652, 34.3312
YIQ	157.6830, 35.3460, 20.2260

Conversions

Conversions Part 2

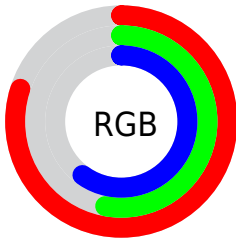
Format	Color
R_{YB}	204, 135, 153
Decimal	13404057
CIE _{Lab}	63.73, 28.90, 1.33
CIE _{LCh}	64, 28.931, 2.639
Yxy	32.4652, 0.3705, 0.3060
Android (android.graphics.Color)	4291594137 (0xFFCC8799)
YUV	157.6830, -2.3087, 40.6200
Hunter-Lab	56.9783, 23.4549, 4.1606

Details

The YUV color $157.6830, -2.3087, 40.6200$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $181.3170, 2.3087, -40.6200$, and the grayscale version is $158.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $210.7860, -1.8665, 38.7757$, and $105.1880, -1.5717, 37.5461$ is the 20% darker color. If you saturate the color by 10%, you get $144.2330, -3.0729, 52.4157$, and if you desaturate by 10%, it is $171.1330, -1.5446, 28.8244$.

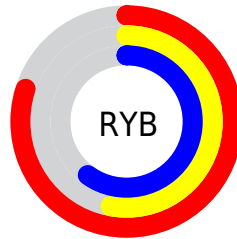
Distribution



Red (80%)

Green (53%)

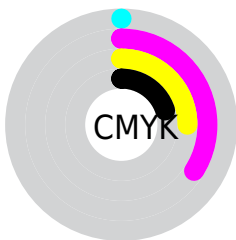
Blue (60%)



Red (80%)

Yellow (53%)

Blue (60%)

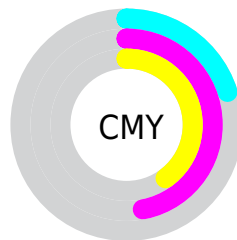


Cyan (0%)

Magenta (34%)

Yellow (25%)

Black (20%)



Cyan (20%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.6830, -2.3087, 40.6200 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 157.6830, -2.3087, 40.6200 by changing the saturation by 10% instead.

■ 157.6830, -2.3087,
40.6200

■ 157.6830, -2.3087,
40.6200

255.0000, 0.0000,
0.0000

■ 131.0850, -2.0139,
39.3905

■ 210.7860, -1.8665,
38.7757

■ 105.1880, -1.5717,
37.5461

■ 230.4140, 2.2609,
21.5619

■ 80.2910, -1.1295,
35.7018

■ 249.7170, 2.6045,
4.6332

■ 55.8070, -0.3979,
34.3723

■ 31.8500, 1.0599,
33.4575

■ 15.4210, -1.6866,
27.6948

■ 1.4950, -0.7370,

3.0739

■ 0.0000, 0.0000,
0.0000

■ 157.6830, -2.3087,
40.6200

■ 157.6830, -2.3087,
40.6200

■ 144.2330, -3.0729,
52.4157

■ 171.1330, -1.5446,
28.8244

■ 130.1960, -3.5476,
64.7261

■ 185.1700, -1.0698,
16.5139

■ 116.7460, -4.3118,
76.5218

■ 198.6200, -0.3057,
4.7183

■ 102.7090, -4.7865,
88.8322

■ 212.6570, 0.1691,
-7.5922

■ 89.2590, -5.5507,
100.6279

■ 226.1070, 0.9332,
-19.3878

■ 75.8090, -6.3148,
112.4235

■ 238.3830, 2.2762,
-30.1539

■ 67.0380, -6.9207,
120.1157

■ 239.7510, 7.5178,
-31.3536

Harmonies

Analogous

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



158.5100, 10.1016, 26.7397



157.6830, -2.3087, 40.6200



156.0070, -13.8075, 42.0899

Triad

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



157.6830, -2.3087, 40.6200



149.8040, -19.6234, -5.9671



144.3800, 26.9277, -50.3223

Complementary

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



157.6830, -2.3087, 40.6200



181.3170, 2.3087, -40.6200

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.



139.8810, 20.2717, -62.1626



157.6830, -2.3087, 40.6200



145.7500, -7.7648, -29.5987

Square

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



157.6830, -2.3087, 40.6200



152.3830, -24.3458, 15.4501



142.1030, 6.8512, -50.9563



152.0180, 26.1201, -24.5718

Rectangle

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



157.6830, -2.3087, 40.6200



155.2530, -20.3377, 36.6121



142.1030, 6.8512, -50.9563



142.1080, 26.0758, -57.0997

Sweetspot

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



157.6830, -2.3087, 40.6200



238.1590, -1.0644, 14.7696



158.1150, 22.6213, 24.4551



117.2400, -0.6113, 9.4365



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.



157.6830, -2.3087, 40.6200



184.5870, -3.2474, 61.7522



165.0230, -14.8013, 34.1828



95.2180, -0.6005, 5.9478



54.5360, -5.6872, 97.7539



12.5020, -1.2335, 22.3617

Inverse Universe

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



157.6830, -2.3087, 40.6200



184.5870, -3.2474, 61.7522



173.9770, 14.8013, -34.1828



95.2180, -0.6005, 5.9478



54.5360, -5.6872, 97.7539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 157.6830, -2.3087, 40.6200 looks on a white background.

Color Contrast Check

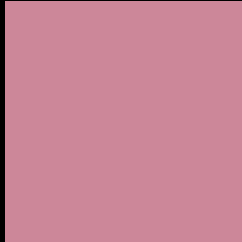
Large Text (above 18pt) WCAG AA × Fail

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 157.6830, -2.3087, 40.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

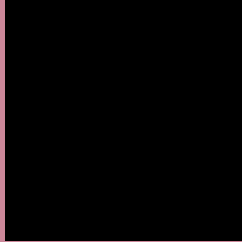
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.6830, -2.3087, 40.6200

Background



This preview shows how black text looks on a background with the YUV color 157.6830, -2.3087, 40.6200.



This preview shows how white text looks on a background with the YUV color 157.6830, -2.3087,

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

157.6830, -2.3087, 40.6200

Protanopia

155.4390, 4.2206, -0.3850

Deuteranopia

156.2790, -3.0955, 12.9103



Tritanopia

157.1730, -5.5083, 40.1903

Trichromacy



Original Color

157.6830, -2.3087, 40.6200

Protanomaly

156.2560, 1.8458, 14.6845

Deuteranomaly

157.0460, -2.9807, 22.7617

Tritanomaly

157.5150, -4.1979, 39.8903

Monochromacy



Original Color

157.6830, -2.3087, 40.6200

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1590, -1.0644, 14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.6830, -2.3087, 40.6200 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(204, 135, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 135, 153)  
}
```

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(204, 135, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 135, 153) }
```

Border

The CSS property to change the border of an element to YUV 157.6830, -2.3087, 40.6200 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(204, 135, 153) }
```


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

```
.border{ border-color:rgb(204, 135, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 135, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 135, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 135, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 135,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 157.6830, -2.3087, 40.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 135, 153) }
```

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

```
.background{ background-color: rgb(204,  
135, 153) }
```

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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