

Converting Colors

YUV(199.9340, 3.4835, 2.6889)

Have a look what the booklet for
YUV(199.9340, 3.4835, 2.6889)
contains.

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Color

**YUV(199.9340, 3.4835,
2.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC5CF
RGB	203, 197, 207
RGB Percent	80%, 77%, 81%
CMY	0.2039, 0.2275, 0.1882
CMYK	0.02, 0.05, 0.00, 0.19
HSL	276°, 9%, 79%
HSV	276°, 5%, 81%
XYZ	55.8573, 57.1340, 67.1155
YIQ	199.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

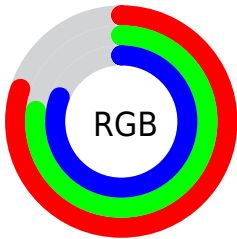
Format	Color
R_{YB}	203, 197, 207
Decimal	13354447
CIE Lab	80.25, 3.92, -4.25
CIE LCh	80, 5.783, 312.656
Yxy	57.1340, 0.3101, 0.3172
Android (android.graphics.Color)	4291544527 (0xFFCBC5CF)
YUV	199.9340, 3.4835, 2.6889
Hunter-Lab	75.5870, -0.3693, 0.2660

Details

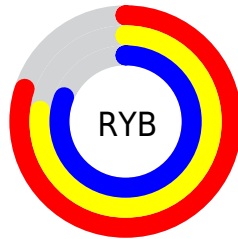
The YUV color `199.9340, 3.4835, 2.6889` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `204.0660, -3.4835, -2.6889`, and the grayscale version is `200.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `254.4130, 0.2894, 0.5148`, and `145.9340, 3.4835, 2.6889` is the 20% darker color. If you saturate the color by 10%, you get `185.2150, 10.7400, 8.5814`, and if you desaturate by 10%, it is `214.6530, -3.7729, -3.2037`.

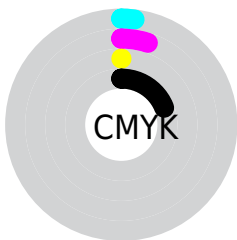
Distribution



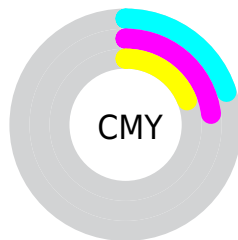
- Red (80%)
- Green (77%)
- Blue (81%)



- Red (80%)
- Yellow (77%)
- Blue (81%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.9340, 3.4835, 2.6889 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 199.9340, 3.4835, 2.6889 by changing the saturation by 10% instead.

■ 199.9340, 3.4835,
2.6889

■ 199.9340, 3.4835,
2.6889

255.0000, 0.0000,
0.0000

■ 172.8200, 3.0467,
2.7889

254.4130, 0.2894,
0.5148

■ 145.9340, 3.4835,
2.6889

■ 120.5210, 3.1941,
2.1741

■ 95.5210, 3.1941,
2.1741

■ 72.1080, 2.9048,
1.6593

■ 49.4070, 2.7573,
2.2741

■ 28.4070, 2.7573,

2.2741

■ 3.0480, 3.9203,
2.5889

■ 0.0000, 0.0000,
0.0000

■ 199.9340, 3.4835,
2.6889

■ 199.9340, 3.4835,
2.6889

■ 185.2150, 10.7400,
8.5814

■ 214.6530, -3.7729,
-3.2037

■ 170.7840, 17.8545,
13.3444

■ 229.0840,
-10.8874, -7.9667

■ 156.0650, 25.1110,
19.2370

■ 241.4550,
-16.9863, -11.8000

■ 141.3460, 32.3674,
25.1296

■ 243.8470,
-18.1656, -6.8818

■ 127.2140, 39.3345,
30.5073

■ 246.2390,
-19.3448, -1.9636

■ 112.1960, 46.7384,
35.7851

■ 248.9300,
-20.6715, 3.5694

■ 97.4770, 53.9948,
41.6777

■ 249.5280,
-20.9663, 4.7989

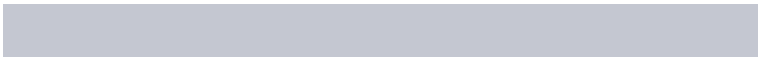
■ 82.7580, 61.2513,
47.5702

■ 68.3270, 68.3658,
52.3332

Harmonies

Analogous

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



199.2430, 4.8102, -2.8441



199.9340, 3.4835, 2.6889



200.2720, 0.8519, 6.7775

Triad

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



199.9340, 3.4835, 2.6889



199.6650, -5.2578, 6.4328



197.1020, 1.9217, -9.7365

Complementary

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



199.9340, 3.4835, 2.6889



204.0660, -3.4835, -2.6889

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.



197.4290, -0.7045, -7.3922



199.9340, 3.4835, 2.6889



198.4580, -4.6628, 2.2293

Square

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



199.9340, 3.4835, 2.6889



199.7300, -3.8109, 9.0068



198.0660, -3.4835, -2.6889



197.9710, 3.9583, -9.6216

Rectangle

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



199.9340, 3.4835, 2.6889



200.5280, -0.7533, 8.3069



198.0660, -3.4835, -2.6889



197.1730, 0.9007, -8.9217

Sweetspot

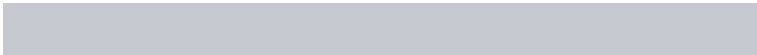
The Sweet Spot groups the original color and five complimentary colors.



199.9340, 3.4835, 2.6889



252.9400, 1.0156, 0.9296



200.4880, 3.2104, -3.0590



126.5270, 0.7262, 0.4148



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.



199.9340, 3.4835, 2.6889



244.4010, 5.2253, 4.0333



201.0160, 2.4571, 5.2480



99.4070, 2.7573, 2.2741



49.3510, 58.4940, 45.2962



11.8500, 14.3709, 10.6555

Inverse Universe

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



200.4460, 0.2731, 5.7479



245.1690, 0.4097, 8.6218



202.9840, -2.4571, -5.2480



99.7340, 0.1311, 4.6183



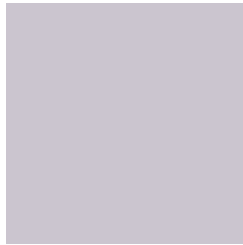
57.8700, 4.5011, 96.5840



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 199.9340, 3.4835, 2.6889 looks on a white background.

Color Contrast Check

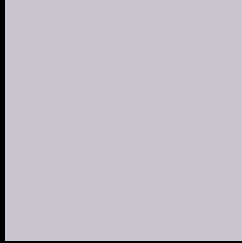
Large Text (above 18pt) WCAG AA × Fail

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 199.9340, 3.4835, 2.6889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

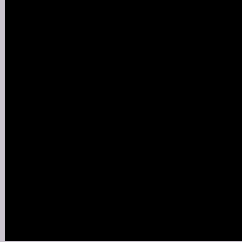
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.9340, 3.4835, 2.6889

Background



This preview shows how black text looks on a background with the YUV color 199.9340, 3.4835, 2.6889.



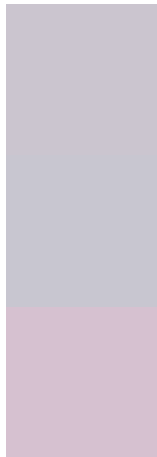
This preview shows how white text looks on a background with the YUV color 199.9340, 3.4835,

2.6889.

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

199.9340, 3.4835, 2.6889

Protanopia

199.7380, 4.0732, 0.2298

Deuteranopia

200.9890, 3.4564, 11.4106



Tritanopia

200.2160, 5.8095, 3.3186

Trichromacy



Original Color

199.9340, 3.4835, 2.6889

Protanomaly

200.0370, 3.9258, 0.8446

Deuteranomaly

200.3800, 3.7567, 8.4367

Tritanomaly

199.9880, 4.9359, 3.5185

Monochromacy



Original Color

199.9340, 3.4835, 2.6889

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9340, 3.4835, 2.6889 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, 197, 207)` looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 207)  
}
```

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, 197, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 207) }
```

Border

The CSS property to change the border of an element to YUV 199.9340, 3.4835, 2.6889 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, 197, 207) }
```


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

```
.border{ border-color:rgb(203, 197, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 197, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 199.9340, 3.4835, 2.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 197, 207) }
```

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

```
.background{ background-color: rgb(203,  
197, 207) }
```

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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