

Converting Colors

YUV(198.6550, 10.0301, 2.9336)

Have a look what the booklet for
YUV(198.6550, 10.0301, 2.9336)
contains.

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Color

**YUV(198.6550, 10.0301,
2.9336)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC1DB
RGB	202, 193, 219
RGB Percent	79%, 76%, 86%
CMY	0.2078, 0.2431, 0.1412
CMYK	0.08, 0.12, 0.00, 0.14
HSL	261°, 27%, 81%
HSV	261°, 12%, 86%
XYZ	56.2133, 55.8110, 74.8277
YIQ	198.6550, -2.9820, 9.9940

Conversions

Conversions Part 2

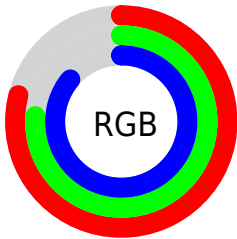
Format	Color
R _Y B	202, 193, 219
Decimal	13287899
CIE Lab	79.51, 8.03, -11.83
CIE LCh	80, 14.299, 304.183
Yxy	55.8110, 0.3008, 0.2987
Android (android.graphics.Color)	4291477979 (0xFFCAC1DB)
YUV	198.6550, 10.0301, 2.9336
Hunter-Lab	74.7067, 3.5760, -7.0913

Details

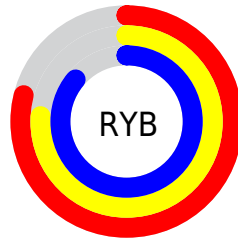
The YUV color **198.6550, 10.0301, 2.9336** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **213.3450, -10.0301, -2.9336**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4780, 1.7363, 3.0888**, and **145.1280, 9.3039, 2.5187** is the 20% darker color. If you saturate the color by 10%, you get **181.5550, 18.4604, 5.6523**, and if you desaturate by 10%, it is **215.7550, 1.5998, 0.2149**.

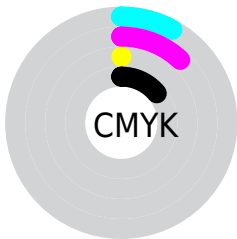
Distribution



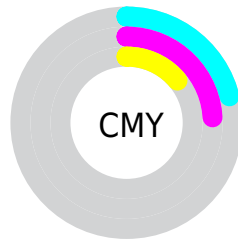
- Red (79%)
- Green (76%)
- Blue (86%)



- Red (79%)
- Yellow (76%)
- Blue (86%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.6550, 10.0301, 2.9336 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 198.6550, 10.0301, 2.9336 by changing the saturation by 10% instead.

■ 198.6550, 10.0301,
2.9336

■ 198.6550, 10.0301,
2.9336

255.0000, 0.0000,
0.0000

■ 171.5410, 9.5933,
3.0335

■ 251.4780, 1.7363,
3.0888

■ 145.1280, 9.3039,
2.5187

■ 119.1280, 9.3039,
2.5187

■ 94.6010, 8.5777,
2.1039

■ 70.6010, 8.5777,
2.1039

■ 48.0740, 7.8515,
1.6891

■ 26.9600, 7.4147,

1.7891

■ 3.4050, 9.1673,
-0.3552

■ 0.0000, 0.0000,
0.0000

■ 198.6550, 10.0301,
2.9336

■ 198.6550, 10.0301,
2.9336

■ 181.5550, 18.4604,
5.6523

■ 215.7550, 1.5998,
0.2149

■ 164.1560, 27.0381,
7.7562

■ 233.1540, -6.9779,
-1.8891

■ 147.0560, 35.4684,
10.4749

■ 247.9060,
-14.2507, -2.5486

■ 129.9560, 43.8987,
13.1936

■ 250.8960,
-15.7247, 3.5992

■ 113.1440, 52.1870,
14.7827

■ 96.0440, 60.6173,
17.5014

■ 78.9440, 69.0476,
20.2201

■ 61.5450, 77.6253,
22.3240

■ 47.6900, 84.4558,
24.8279

Harmonies

Analogous

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



196.3760, 13.1256, -9.9768



198.6550, 10.0301, 2.9336



199.3530, 4.7560, 14.5994

Triad

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



198.6550, 10.0301, 2.9336



197.6080, -12.1317, 17.8838



192.5410, 2.6913, -23.2765

Complementary

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



198.6550, 10.0301, 2.9336



213.3450, -10.0301, -2.9336

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.



193.4620, -4.1718, -15.3142



198.6550, 10.0301, 2.9336



196.7270, -12.6834, 8.1324

Square

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



198.6550, 10.0301, 2.9336



199.0800, -7.9274, 22.7318



195.0460, -9.8827, -3.5483



192.5390, 9.1013, -25.9057

Rectangle

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



198.6550, 10.0301, 2.9336



199.8330, 0.0823, 20.3175



195.0460, -9.8827, -3.5483



192.6830, 0.6493, -21.6470

Sweetspot

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



198.6550, 10.0301, 2.9336



247.0370, 3.9258, 0.8446



205.9430, 6.4371, -11.3510



122.3960, 2.7628, 0.5297



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.



198.6550, 10.0301, 2.9336



226.9910, 13.8084, 4.3929



202.5420, 8.1138, 10.9257



101.1510, 4.3626, 0.7446



37.6620, 66.7216, 19.5904



10.0280, 17.7342, 5.2374

Inverse Universe

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



202.7120, 3.5930, 14.2846



232.5000, 5.1765, 19.7325



209.4580, -8.1138, -10.9257



103.0870, 1.4361, 6.0627



64.6090, 23.8568, 95.0589



17.1740, 6.3232, 25.2804

Previews

White Background



This preview shows how the YUV color 198.6550, 10.0301, 2.9336 looks on a white background.

Color Contrast Check

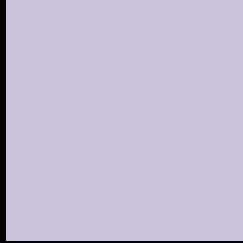
Large Text (above 18pt) WCAG AA × Fail

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 198.6550, 10.0301, 2.9336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

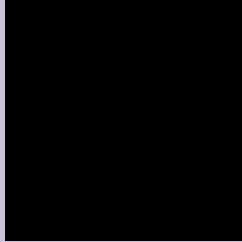
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.6550, 10.0301, 2.9336

Background



This preview shows how black text looks on a background with the YUV color 198.6550, 10.0301, 2.9336.



This preview shows how white text looks on a background with the YUV color 198.6550, 10.0301,

2.9336.

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

198.6550, 10.0301, 2.9336

Protanopia

197.9530, 11.3622, -4.3438

Deuteranopia

199.2640, 9.7298, 5.9075



Tritanopia

198.5040, 5.6675, 2.1890

Trichromacy



Original Color

198.6550, 10.0301, 2.9336

Protanomaly

198.1490, 10.7725, -1.8847

Deuteranomaly

198.9650, 9.8773, 5.2927

Tritanomaly

198.2590, 7.2673, 2.4039

Monochromacy



Original Color

198.6550, 10.0301, 2.9336

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9230, 3.4890, 0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.6550, 10.0301, 2.9336 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, 193, 219)` looks like.

```
.text, #text, p{  
    color:rgb(202, 193, 219)  
}
```

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, 193, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 193, 219) }
```

Border

The CSS property to change the border of an element to YUV 198.6550, 10.0301, 2.9336 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, 193, 219) }
```


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

```
.border{ border-color:rgb(202, 193, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 193, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 193, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 193, 219);  
box-shadow:4px 4px 4px 4px rgb(202, 193,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 198.6550, 10.0301, 2.9336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 193, 219) }
```

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

```
.background{ background-color: rgb(202,  
193, 219) }
```

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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