

Converting Colors

YUV(198.6100, 14.9823, 1.2190)

Have a look what the booklet for
YUV(198.6100, 14.9823, 1.2190)
contains.

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Color

**YUV(198.6100, 14.9823,
1.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C0E5
RGB	200, 192, 229
RGB Percent	78%, 75%, 90%
CMY	0.2157, 0.2471, 0.1020
CMYK	0.13, 0.16, 0.00, 0.10
HSL	253°, 42%, 83%
HSV	253°, 16%, 90%
XYZ	56.8119, 55.6358, 81.8732
YIQ	198.6100, -7.1090, 13.2030

Conversions

Conversions Part 2

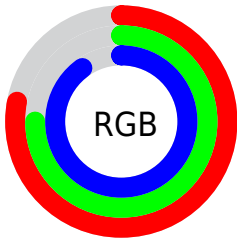
Format	Color
R_{YB}	200, 192, 229
Decimal	13156581
CIE Lab	79.41, 9.95, -17.38
CIE LCh	79, 20.022, 299.796
Yxy	55.6358, 0.2924, 0.2863
Android (android.graphics.Color)	4291346661 (0xFFC8C0E5)
YUV	198.6100, 14.9823, 1.2190
Hunter-Lab	74.5894, 5.4252, -12.8672

Details

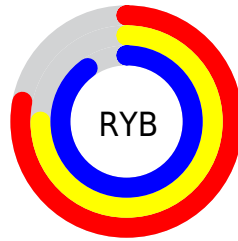
The YUV color **198.6100, 14.9823, 1.2190** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **222.3900, -14.9823, -1.2190**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8910, 2.0257, 3.6036**, and **144.9690, 13.8193, 0.9042** is the 20% darker color. If you saturate the color by 10%, you get **179.7270, 24.2916, 1.9934**, and if you desaturate by 10%, it is **217.4930, 5.6730, 0.4446**.

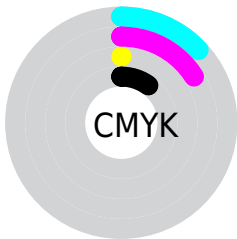
Distribution



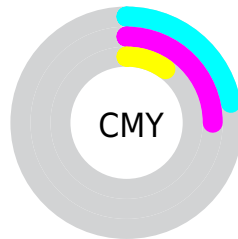
- Red (78%)
- Green (75%)
- Blue (90%)



- Red (78%)
- Yellow (75%)
- Blue (90%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.6100, 14.9823, 1.2190 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 198.6100, 14.9823, 1.2190 by changing the saturation by 10% instead.

■ 198.6100, 14.9823,
1.2190

■ 198.6100, 14.9823,
1.2190

■ 255.0000, 0.0000,
0.0000

■ 171.4960, 14.5455,
1.3190

■ 250.8910, 2.0257,
3.6036

■ 144.9690, 13.8193,
0.9042

■ 118.9690, 13.8193,
0.9042

■ 94.4420, 13.0931,
0.4894

■ 70.3280, 12.6563,
0.5893

■ 47.8010, 11.9301,
0.1745

■ 26.9750, 11.3513,

-0.8551

■ 3.3060, 12.6671,
-2.8994

■ 0.0000, 0.0000,
0.0000

■ 198.6100, 14.9823,
1.2190

■ 198.6100, 14.9823,
1.2190

■ 179.7270, 24.2916,
1.9934

■ 217.4930, 5.6730,
0.4446

■ 160.8440, 33.6009,
2.7678

■ 236.3760, -3.6364,
-0.3298

■ 141.9610, 42.9102,
3.5422

■ 251.7370,
-11.2093, 1.9847

■ 123.0780, 52.2195,
4.3166

■ 252.0360,
-11.3567, 2.5994

■ 104.7820, 61.2395,
4.5762

■ 85.8990, 70.5488,
5.3506

■ 67.0160, 79.8581,
6.1250

■ 48.1330, 89.1674,
6.8994

■ 41.0560, 92.6564,
7.8439

Harmonies

Analogous

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



195.2270, 19.1151, -17.7391



198.6100, 14.9823, 1.2190



199.8850, 7.9447, 18.5179

Triad

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



198.6100, 14.9823, 1.2190



197.6260, -16.0846, 25.7610



190.1870, 2.8658, -32.6130

Complementary

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



198.6100, 14.9823, 1.2190



222.3900, -14.9823, -1.2190

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.



191.9300, -7.3605, -19.2326



198.6100, 14.9823, 1.2190



195.7940, -17.6464, 13.3357

Square

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



198.6100, 14.9823, 1.2190



199.2660, -9.9911, 31.3387



193.7920, -14.6875, -2.4486



189.9720, 12.3388, -37.6864

Rectangle

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



198.6100, 14.9823, 1.2190



200.0340, 1.9552, 26.2802



193.7920, -14.6875, -2.4486



190.2970, -0.6394, -28.3245

Sweetspot

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



198.6100, 14.9823, 1.2190



244.3790, 5.2362, 0.5446



213.8280, 7.4798, -19.1432



121.5100, 3.1996, 0.4297



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.



198.6100, 14.9823, 1.2190



215.4620, 19.4922, 1.3488



203.9920, 12.3289, 12.2850



105.2650, 4.7994, 0.6446



32.0670, 72.4380, 6.0802



9.1030, 20.6552, 1.6637

Inverse Universe

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



206.3690, 7.2131, 19.8474



225.6840, 9.5228, 25.7101



217.0080, -12.3289, -12.2850



107.6140, 2.1623, 6.4775



69.4810, 34.7659, 96.0482



19.8090, 9.9542, 27.3545

Previews

White Background



This preview shows how the YUV color 198.6100, 14.9823, 1.2190 looks on a white background.

Color Contrast Check

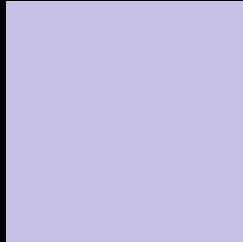
Large Text (above 18pt) WCAG AA × Fail

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 198.6100, 14.9823, 1.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

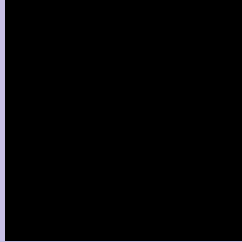
Any Text WCAG AA ✓ Pass

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 198.6100, 14.9823, 1.2190 Background



This preview shows how black text looks on a background with the YUV color 198.6100, 14.9823, 1.2190.



This preview shows how white text looks on a background with the YUV color 198.6100, 14.9823,

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

198.6100, 14.9823, 1.2190

Protanopia

197.6090, 16.4618, -6.6731

Deuteranopia

198.6100, 14.9823, 1.2190



Tritanopia

197.4220, 6.6940, -0.3701

Trichromacy



Original Color

198.6100, 14.9823, 1.2190

Protanomaly

198.1040, 15.7247, -3.5992

Deuteranomaly

198.6100, 14.9823, 1.2190

Tritanomaly

197.9320, 9.8935, 0.0596

Monochromacy



Original Color

198.6100, 14.9823, 1.2190

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.4930, 5.6730, 0.4446

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.6100, 14.9823, 1.2190 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(200, 192, 229)` looks like.

```
.text, #text, p{  
    color:rgb(200, 192, 229)  
}
```

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(200, 192, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 192, 229) }
```

Border

The CSS property to change the border of an element to YUV 198.6100, 14.9823, 1.2190 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(200, 192, 229) }
```


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

```
.border{ border-color:rgb(200, 192, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 192, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 192, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 192, 229);  
box-shadow:4px 4px 4px 4px rgb(200, 192,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 198.6100, 14.9823, 1.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 192, 229) }
```

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

```
.background{ background-color: rgb(200,  
192, 229) }
```

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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