

Converting Colors

YUV(196.3000, 1.8241, 21.6619)

Have a look what the booklet for
YUV(196.3000, 1.8241, 21.6619)
contains.

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Color

**YUV(196.3000, 1.8241,
21.6619)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB7C8
RGB	221, 183, 200
RGB Percent	87%, 72%, 78%
CMY	0.1333, 0.2824, 0.2157
CMYK	0.00, 0.17, 0.10, 0.13
HSL	333°, 36%, 79%
HSV	333°, 17%, 87%
XYZ	57.1776, 53.4093, 61.9390
YIQ	196.3000, 17.1910, 13.3430

Conversions

Conversions Part 2

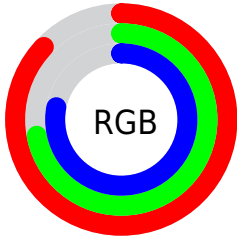
Format	Color
R _Y B	221, 183, 200
Decimal	14530504
CIE Lab	78.12, 16.41, -3.45
CIE LCh	78, 16.770, 348.138
Yxy	53.4093, 0.3314, 0.3096
Android (android.graphics.Color)	4292720584 (0xFFDDB7C8)
YUV	196.3000, 1.8241, 21.6619
Hunter-Lab	73.0816, 11.7620, 0.9070

Details

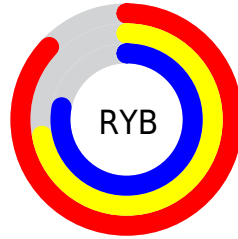
The YUV color **196.3000, 1.8241, 21.6619** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **207.7000, -1.8241, -21.6619**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.6080, 4.6303, 8.2368**, and **142.5880, 1.6821, 20.5323** is the 20% darker color. If you saturate the color by 10%, you get **182.0180, 2.9491, 34.1872**, and if you desaturate by 10%, it is **210.5820, 0.6991, 9.1366**.

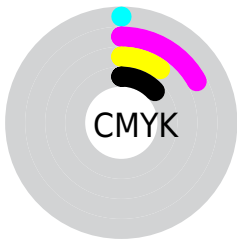
Distribution



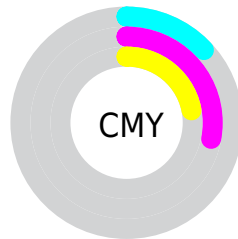
- Red (87%)
- Green (72%)
- Blue (78%)



- Red (87%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 196.3000, 1.8241, 21.6619 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 196.3000, 1.8241, 21.6619 by changing the saturation by 10% instead.

 196.3000, 1.8241,
21.6619

 196.3000, 1.8241,
21.6619


255.0000, 0.0000,
0.0000


 169.0010, 1.9715,
21.0471

 245.6080, 4.6303,
8.2368

 142.5880, 1.6821,
20.5323

 116.8760, 1.5401,
19.4027

 91.6910, 2.1243,
18.6880

 67.9790, 1.9824,
17.5584

 45.6800, 2.1298,
16.9436

 24.0820, 2.4246,

15.7141

■ 5.7950, -2.3639,
11.5808

■ 0.0000, 0.0000,
0.0000

■ 196.3000, 1.8241,
21.6619

■ 196.3000, 1.8241,
21.6619

■ 182.0180, 2.9491,
34.1872

■ 210.5820, 0.6991,
9.1366

■ 167.7360, 4.0742,
46.7125

■ 224.8640, -0.4260,
-3.3887

■ 153.3400, 4.7624,
59.3378

■ 239.2600, -1.1142,
-16.0140

■ 139.0580, 5.8874,
71.8631

■ 244.1500, 2.3910,
-20.3026

■ 124.7760, 7.0124,
84.3884

■ 244.8340, 5.0118,
-20.9024

■ 109.9070, 8.4268,
97.4286

■ 95.6250, 9.5519,
109.9539

■ 81.2290, 10.2401,
122.5792

■ 77.3650, 10.6661,
125.9679

Harmonies

Analogous

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



195.4710, 9.1348, 10.1109



196.3000, 1.8241, 21.6619



195.9710, -5.9017, 26.3354

Triad

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



196.3000, 1.8241, 21.6619



191.4660, -13.5407, 3.0993



188.3690, 13.6221, -29.2646

Complementary

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



196.3000, 1.8241, 21.6619



207.7000, -1.8241, -21.6619

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.



187.3490, 7.2229, -30.1241



196.3000, 1.8241, 21.6619



189.6430, -8.6980, -10.2109

Square

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



196.3000, 1.8241, 21.6619



193.5000, -15.0365, 16.2245



188.2160, -1.0925, -22.9914



191.0050, 15.7735, -19.2984

Rectangle

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



196.3000, 1.8241, 21.6619



195.2330, -9.9749, 26.1057



188.2160, -1.0925, -22.9914



187.9020, 11.8803, -30.6091

Sweetspot

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



196.3000, 1.8241, 21.6619



246.5710, 0.7045, 7.3922



193.6110, 13.5028, 9.1112



122.7340, 0.1311, 4.6183



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.



196.3000, 1.8241, 21.6619



219.8820, 2.5232, 30.7985



195.5360, -6.1802, 22.3319



102.8590, 0.5625, 6.2627



60.6190, 8.5688, 98.5581



16.1480, 2.3920, 26.1802

Inverse Universe

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



196.3000, 1.8241, 21.6619



219.8820, 2.5232, 30.7985



208.4640, 6.1802, -22.3319



102.8590, 0.5625, 6.2627



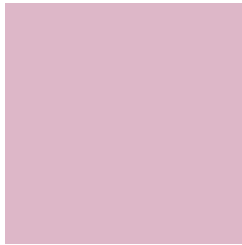
60.6190, 8.5688, 98.5581



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 196.3000, 1.8241, 21.6619 looks on a white background.

Color Contrast Check

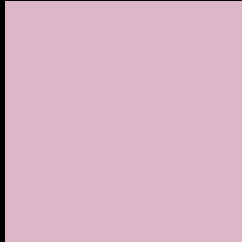
Large Text (above 18pt) WCAG AA × Fail

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 196.3000, 1.8241, 21.6619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

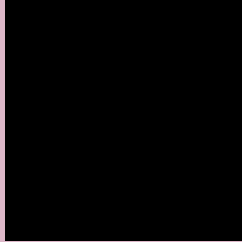
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.3000, 1.8241, 21.6619

Background



This preview shows how black text looks on a background with the YUV color 196.3000, 1.8241, 21.6619.



This preview shows how white text looks on a background with the YUV color 196.3000, 1.8241,

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

196.3000, 1.8241, 21.6619

Protanopia

193.8950, 5.9678, -0.7849

Deuteranopia

194.9460, 1.9986, 12.3254



Tritanopia

196.0720, 0.9505, 21.8619

Trichromacy



Original Color

196.3000, 1.8241, 21.6619

Protanomaly

194.8960, 4.4883, 7.1072

Deuteranomaly

195.5550, 1.6984, 15.2993

Tritanomaly

196.1860, 1.3873, 21.7619

Monochromacy



Original Color

196.3000, 1.8241, 21.6619

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.8700, 0.5571, 8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3000, 1.8241, 21.6619 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(221, 183, 200)` looks like.

```
.text, #text, p{  
    color:rgb(221, 183, 200)  
}
```

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(221, 183, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 183, 200) }
```

Border

The CSS property to change the border of an element to YUV 196.3000, 1.8241, 21.6619 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(221, 183, 200) }
```


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

```
.border{ border-color:rgb(221, 183, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 183, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 183, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 183, 200);  
box-shadow:4px 4px 4px 4px rgb(221, 183,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 196.3000, 1.8241, 21.6619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 183, 200) }
```

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

```
.background{ background-color: rgb(221,  
183, 200) }
```

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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