

# Converting Colors

YUV(182.3600, 21.0215,  
24.2403)

Have a look what the booklet for  
YUV(182.3600, 21.0215, 24.2403)  
contains.

<b>YUV(182.3600, 21.0215, 24.2403)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(182.3600, 21.0215,  
24.2403)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2A0E1
RGB	210, 160, 225
RGB Percent	82%, 63%, 88%
CMY	0.1765, 0.3725, 0.1176
CMYK	0.07, 0.29, 0.00, 0.12
HSL	286°, 52%, 75%
HSV	286°, 29%, 88%
XYZ	52.7398, 44.2795, 77.0013
YIQ	182.3600, 8.9350, 30.8150

# Conversions

## Conversions Part 2

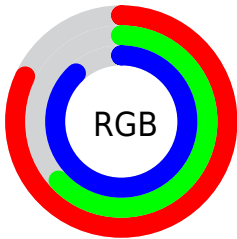
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">210, 160, 225</a>
Decimal	<a href="#">13803745</a>
CIELab	<a href="#">72.41, 29.77, -25.75</a>
CIElCh	<a href="#">72, 39.360, 319.144</a>
Yxy	<a href="#">44.2795, 0.3031, 0.2544</a>
Android (android.graphics.Color)	<a href="#">4291993825 (0xFFD2A0E1)</a>
YUV	<a href="#">182.3600, 21.0215, 24.2403</a>
Hunter-Lab	<a href="#">66.5428, 25.0235, -22.0285</a>

# Details

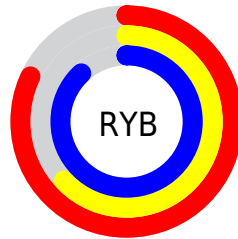
The YUV color **182.3600, 21.0215, 24.2403** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202.6400, -21.0215, -24.2403**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5200, 11.5756, 20.5920**, and **129.1210, 20.1533, 22.6959** is the 20% darker color. If you saturate the color by 10%, you get **167.9510, 28.1252, 32.4920**, and if you desaturate by 10%, it is **197.3560, 13.6285, 15.4738**.

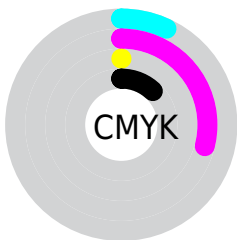
# Distribution



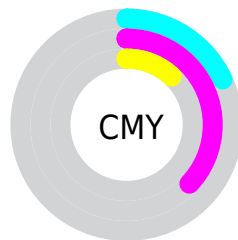
- Red (82%)
- Green (63%)
- Blue (88%)



- Red (82%)
- Yellow (63%)
- Blue (88%)



- Cyan (7%)
- Magenta (29%)
- Yellow (0%)
- Black (12%)




- Cyan (18%)
- Magenta (37%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 182.3600, 21.0215, 24.2403 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 182.3600, 21.0215, 24.2403 by changing the saturation by 10% instead.





 182.3600, 21.0215,  
24.2403

 182.3600, 21.0215,  
24.2403


255.0000, 0.0000,  
0.0000


 155.5340, 20.4427,  
23.2107


 231.5200, 11.5756,  
20.5920


 129.1210, 20.1533,  
22.6959

 248.5430, 3.1833,  
5.6628

 103.2950, 19.5746,  
21.6663

 78.4690, 18.9958,  
20.6367

 54.6430, 18.4170,  
19.6071

 31.2300, 18.1276,  
19.0923

 15.1110, 15.2283,

15.6887

■ 3.3230, 10.1938,  
-2.9143

■ 0.0000, 0.0000,  
0.0000

■ 182.3600, 21.0215,  
24.2403

■ 182.3600, 21.0215,  
24.2403

■ 167.9510, 28.1252,  
32.4920

■ 197.3560, 13.6285,  
15.4738

■ 152.9550, 35.5182,  
41.2585

■ 211.7650, 6.5249,  
7.2221

■ 138.2470, 42.7692,  
48.8954

■ 226.4730, -0.7262,  
-0.4148

■ 123.2510, 50.1623,  
57.6619

■ 241.4690, -8.1192,  
-9.1813

108.8420, 57.2659,  
65.9136

245.8990,  
-10.3032, -8.6814

93.8460, 64.6589,  
74.6801

247.3940,  
-11.0402, -5.6075

79.4370, 71.7626,  
82.9318

248.8890,  
-11.7773, -2.5337

77.3770, 72.7781,  
83.8614

250.6830,  
-12.6617, 1.1550

251.5800,  
-13.1039, 2.9993

# Harmonies

## Analogous

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



178.2180, 32.9235, -13.3462



182.3600, 21.0215, 24.2403



181.9860, 4.9369, 50.0013

# Triad

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



182.3600, 21.0215, 24.2403



176.2620, -34.1462, 32.2192



148.3060, 25.4851, -101.1234

# Complementary

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



182.3600, 21.0215, 24.2403



202.6400, -21.0215, -24.2403

# 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.



160.5440, 1.2108, -61.8671



182.3600, 21.0215, 24.2403



172.9550, -32.0228, 4.4245

# Square

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



182.3600, 21.0215, 24.2403



178.7450, -26.4963, 51.9666



167.7860, -19.1215, -26.9993



149.1930, 40.3309, -102.7783



# Rectangle

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



182.3600, 21.0215, 24.2403



180.4680, -6.1467, 58.3486



167.7860, -19.1215, -26.9993



152.9180, 17.2954, -87.6281

# Sweetspot

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



182.3600, 21.0215, 24.2403



240.0040, 7.3930, 8.7665



176.2150, 24.0510, -14.2206



117.9990, 4.9305, 5.2629



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.



182.3600, 21.0215, 24.2403



196.4780, 28.8513, 32.9068



184.9070, 11.3848, 35.1616



104.9450, 3.4781, 4.4332



60.4290, 56.9765, 65.3988



16.5350, 15.5122, 17.9478



# Inverse Universe

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



181.1450, -3.0295, 38.4608



194.8910, -4.3833, 52.7156



200.0930, -11.3848, -35.1616



104.6310, -0.3111, 6.4626



57.2980, -8.0349, 104.1017

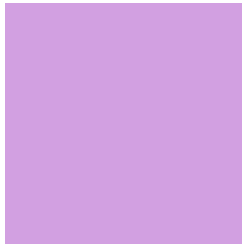


15.6060, -2.2708, 28.4095



# Previews

## White Background



This preview shows how the YUV color 182.3600, 21.0215, 24.2403 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

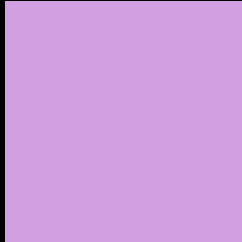
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 182.3600, 21.0215, 24.2403 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

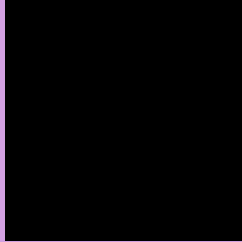
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 182.3600, 21.0215, 24.2403

## Background



This preview shows how black text looks on a background with the YUV color 182.3600, 21.0215, 24.2403.



This preview shows how white text looks on a background with the YUV color 182.3600, 21.0215, 24.2403.



# 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

182.3600, 21.0215, 24.2403

### Protanopia

178.3550, 28.4190, -15.2203

### Deuteranopia

178.8740, 21.2611, -6.0285



## Tritanopia

180.2460, 0.3717, 20.8323

# Trichromacy



## Original Color

182.3600, 21.0215, 24.2403



## Protanomaly

179.7590, 25.7548, -0.6656



## Deuteranomaly

180.2390, 21.0812, 5.0524



## Tritanomaly

180.9070, 7.9338, 22.0066

# Monochromacy



## Original Color

182.3600, 21.0215, 24.2403



## Achromatopsia

182.0000, 0.0000, 0.0000



## Achromatomaly

182.1180, 7.8298, 8.6665

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 182.3600, 21.0215, 24.2403 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(210, 160, 225)` looks like.

```
.text, #text, p{  
    color:rgb(210, 160, 225)  
}
```

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(210, 160, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 160, 225) }
```

## Border

The CSS property to change the border of an element to YUV 182.3600, 21.0215, 24.2403 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(210, 160, 225) }
```



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

```
.border{ border-color:rgb(210, 160, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 160, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 160, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 160, 225);  
box-shadow:4px 4px 4px 4px rgb(210, 160,  
225) }
```

# Background

The CSS property to change the background color of an element to YUV 182.3600, 21.0215, 24.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 160, 225) }
```

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

```
.background{ background-color: rgb(210,  
160, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor