

# Converting Colors

YUV(163.4000, 13.6068,  
22.4512)

Have a look what the booklet for  
YUV(163.4000, 13.6068, 22.4512)  
contains.

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# Color

**YUV(163.4000, 13.6068,  
22.4512)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD91BF
RGB	189, 145, 191
RGB Percent	74%, 57%, 75%
CMY	0.2588, 0.4314, 0.2510
CMYK	0.01, 0.24, 0.00, 0.25
HSL	297°, 26%, 66%
HSV	297°, 24%, 75%
XYZ	40.5156, 34.8312, 53.8779
YIQ	163.4000, 11.4580, 23.6340

# Conversions

## Conversions Part 2

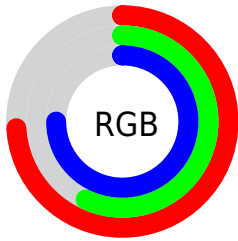
Format	Color
<a href="#">RYB</a>	<a href="#">189, 145, 191</a>
Decimal	<a href="#">12423615</a>
CIELab	<a href="#">65.62, 24.50, -17.47</a>
CIELCh	<a href="#">66, 30.092, 324.507</a>
Yxy	<a href="#">34.8312, 0.3135, 0.2695</a>
Android (android.graphics.Color)	<a href="#">4290613695 (0xFFBD91BF)</a>
YUV	<a href="#">163.4000, 13.6068, 22.4512</a>
Hunter-Lab	<a href="#">59.0180, 19.2582, -12.8137</a>

# Details

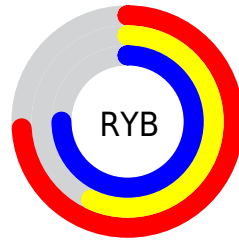
The YUV color **163.4000, 13.6068, 22.4512** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172.6000, -13.6068, -22.4512**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5250, 14.0382, 24.0956**, and **111.1610, 12.7386, 20.9068** is the 20% darker color. If you saturate the color by 10%, you get **151.9480, 19.2526, 31.6176**, and if you desaturate by 10%, it is **174.8520, 7.9610, 13.2848**.

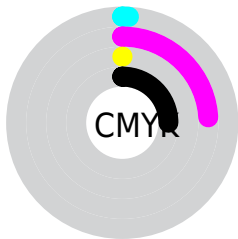
# Distribution



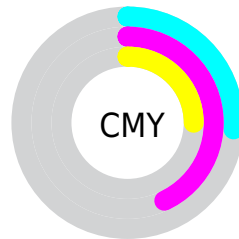
- Red (74%)
- Green (57%)
- Blue (75%)



- Red (74%)
- Yellow (57%)
- Blue (75%)



- Cyan (1%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)



- Cyan (26%)
- Magenta (43%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 163.4000, 13.6068, 22.4512 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 163.4000, 13.6068, 22.4512 by changing the saturation by 10% instead.



■ 163.4000, 13.6068,  
22.4512

■ 163.4000, 13.6068,  
22.4512

255.0000, 0.0000,  
0.0000

■ 136.9870, 13.3174,  
21.9364

■ 218.5250, 14.0382,  
24.0956

■ 111.1610, 12.7386,  
20.9068

■ 238.5640, 8.1029,  
14.4144

■ 86.4490, 12.5966,  
19.7772

■ 62.6230, 12.0179,  
18.7476

■ 40.2100, 11.7285,  
18.2328

■ 17.3240, 12.1653,  
18.1329

■ 3.2910, 8.7305,

-0.2552

0.0000, 0.0000,  
0.0000

163.4000, 13.6068,  
22.4512

163.4000, 13.6068,  
22.4512

151.9480, 19.2526,  
31.6176

174.8520, 7.9610,  
13.2848

140.4960, 24.8985,  
40.7840

186.3040, 2.3151,  
4.1184

129.3430, 30.3969,  
50.5652

197.4570, -3.1833,  
-5.6628

117.8910, 36.0427,  
59.7316

208.9090, -8.8291,  
-14.8292

105.8520, 41.9780,  
69.4128

220.9480,  
-14.7644, -24.5104

■ 94.4000, 47.6238,  
78.5792

■ 229.4650,  
-18.9632, -31.1028

■ 82.9480, 53.2696,  
87.7456

■ 229.7640,  
-19.1107, -30.4880

■ 76.4910, 56.4529,  
93.4084

■ 230.0630,  
-19.2581, -29.8733

# Harmonies

## Analogous

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



160.7540, 23.2923, -4.1693



163.4000, 13.6068, 22.4512



163.4810, 0.7489, 39.9202

# Triad

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



163.4000, 13.6068, 22.4512



158.3730, -25.8199, 21.5979



143.7020, 18.3879, -64.6367

# Complementary

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



163.4000, 13.6068, 22.4512



172.6000, -13.6068, -22.4512

# 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.



147.3870, 2.7672, -47.6974



163.4000, 13.6068, 22.4512



155.7400, -22.5498, -0.6490

# Square

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



163.4000, 13.6068, 22.4512



160.2100, -21.7955, 37.5268



151.9310, -12.2910, -24.4955



146.7380, 27.2442, -58.5292



# Rectangle

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



163.4000, 13.6068, 22.4512



162.0380, -7.4137, 44.6937



151.9310, -12.2910, -24.4955



144.1710, 13.7197, -60.6630

# Sweetspot

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



163.4000, 13.6068, 22.4512



237.0210, 4.9196, 8.7516



151.4180, 19.5139, -5.6286



119.1300, 2.8939, 5.1480



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



163.4000, 13.6068, 22.4512



204.4260, 20.9890, 34.7064



161.6040, 4.1392, 25.7803



88.7170, 2.6045, 4.6332



63.1610, 46.7556, 77.0348



12.2050, 9.2659, 14.7292



# Inverse Universe

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



158.9820, -5.9071, 28.0798



197.5710, -9.1555, 43.3492



174.3960, -4.1392, -25.7803



87.6910, -1.3267, 5.5330



48.0400, -20.2327, 96.4349



9.3830, -4.1328, 18.9581



# Previews

## White Background



This preview shows how the YUV color 163.4000, 13.6068, 22.4512 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

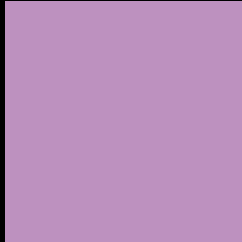
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 163.4000, 13.6068, 22.4512 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

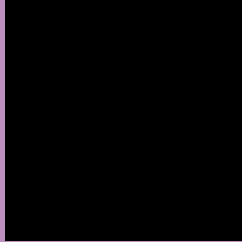
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 163.4000, 13.6068, 22.4512

## Background



This preview shows how black text looks on a background with the YUV color 163.4000, 13.6068, 22.4512.



This preview shows how white text looks on a background with the YUV color 163.4000, 13.6068,



# 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

163.4000, 13.6068, 22.4512

### Protanopia

160.0970, 19.6722, -9.7321

### Deuteranopia

161.2570, 13.6773, -0.2254



## Tritanopia

161.8330, 0.0823, 20.3175

# Trichromacy



## Original Color

163.4000, 13.6068, 22.4512

## Protanomaly

161.3050, 17.5976, 2.3635

## Deuteranomaly

162.0130, 13.7976, 7.8816

## Tritanomaly

162.2120, 5.3185, 20.8621

# Monochromacy



## Original Color

163.4000, 13.6068, 22.4512

## Achromatopsia

163.0000, 0.0000, 0.0000

## Achromatomaly

162.7220, 5.0671, 8.1368

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 163.4000, 13.6068, 22.4512 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(189, 145, 191)` looks like.

```
.text, #text, p{  
    color:rgb(189, 145, 191)  
}
```

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(189, 145, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 145, 191) }
```

## Border

The CSS property to change the border of an element to YUV 163.4000, 13.6068, 22.4512 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(189, 145, 191) }
```



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

```
.border{ border-color:rgb(189, 145, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 145, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 145, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 145, 191);  
box-shadow:4px 4px 4px 4px rgb(189, 145,  
191) }
```

# Background

The CSS property to change the background color of an element to YUV 163.4000, 13.6068, 22.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 145, 191) }
```

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

```
.background{ background-color: rgb(189,  
145, 191) }
```

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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