

# Converting Colors

YUV(168.3390, 23.0039,  
41.7987)

Have a look what the booklet for  
YUV(168.3390, 23.0039, 41.7987)  
contains.

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# Color

**YUV(168.3390, 23.0039,  
41.7987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D887D7
RGB	216, 135, 215
RGB Percent	85%, 53%, 84%
CMY	0.1529, 0.4706, 0.1569
CMYK	0.00, 0.38, 0.00, 0.15
HSL	301°, 51%, 69%
HSV	301°, 38%, 85%
XYZ	49.2486, 36.8332, 68.8038
YIQ	168.3390, 22.5960, 42.0520

# Conversions

## Conversions Part 2

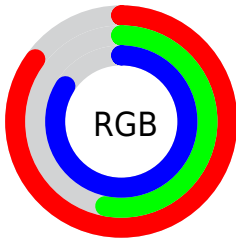
Format	Color
R <sub>Y</sub> B	216, 135, 215
Decimal	14190551
CIE Lab	67.15, 43.18, -28.26
CIE LCh	67, 51.608, 326.798
Yxy	36.8332, 0.3180, 0.2378
Android (android.graphics.Color)	4292380631 (0xFFD887D7)
YUV	168.3390, 23.0039, 41.7987
Hunter-Lab	60.6903, 38.6400, -24.7330

# Details

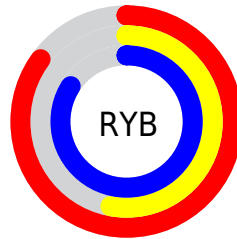
The YUV color **168.3390, 23.0039, 41.7987** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **182.6610, -23.0039, -41.7987**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8450, 18.8104, 33.4619**, and **114.8010, 22.2831, 39.6395** is the 20% darker color. If you saturate the color by 10%, you get **155.4250, 29.3705, 53.1243**, and if you desaturate by 10%, it is **181.2530, 16.6373, 30.4731**.

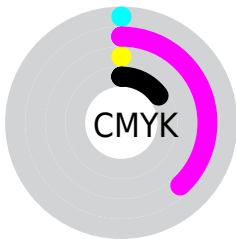
# Distribution



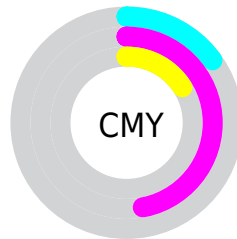
- Red (85%)
- Green (53%)
- Blue (84%)



- Red (85%)
- Yellow (53%)
- Blue (84%)



- Cyan (0%)
- Magenta (38%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (47%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 168.3390, 23.0039, 41.7987 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 168.3390, 23.0039, 41.7987 by changing the saturation by 10% instead.



168.3390, 23.0039,  
41.7987

168.3390, 23.0039,  
41.7987

255.0000, 0.0000,  
0.0000

141.5130, 22.4251,  
40.7691

216.8450, 18.8104,  
33.4619

114.8010, 22.2831,  
39.6395

233.2810, 10.7075,  
19.0476

88.2030, 22.5779,  
38.4100

250.3040, 2.3151,  
4.1184

62.2030, 22.5779,  
38.4100

33.4960, 24.8985,  
40.7840

23.2850, 18.1005,  
27.8141

14.1990, 11.7339,

16.4885

■ 2.1830, 5.8258,  
-1.9145

■ 0.0000, 0.0000,  
0.0000

■ 168.3390, 23.0039,  
41.7987

■ 168.3390, 23.0039,  
41.7987

■ 155.4250, 29.3705,  
53.1243

■ 181.2530, 16.6373,  
30.4731

■ 142.9840, 35.0109,  
64.0350

■ 193.6940, 10.9969,  
19.5624

■ 130.0700, 41.3775,  
75.3606

■ 206.6080, 4.6303,  
8.2368

■ 117.7430, 47.4547,  
86.1714

■ 218.9350, -1.4470,  
-2.5740

■ 104.8290, 53.8213,  
97.4970

■ 231.8490, -7.8136,  
-13.8996

■ 91.8010, 59.7511,  
108.9225

■ 239.0070,  
-10.8495, -20.1771

■ 88.8660, 61.1981,  
111.4965

# Harmonies

## Analogous

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



165.2110, 40.3220, -6.3240



168.3390, 23.0039, 41.7987



165.7220, 2.1091, 70.4038

# Triad

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



168.3390, 23.0039, 41.7987



159.2760, -45.4921, 31.3299



132.4380, 35.2801, -116.1481

# Complementary

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



168.3390, 23.0039, 41.7987



182.6610, -23.0039, -41.7987

# 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.



127.0800, 14.7506, -111.4492



168.3390, 23.0039, 41.7987



154.8800, -38.3948, -5.1568

# Square

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



168.3390, 23.0039, 41.7987



161.9280, -37.4325, 59.6991



146.3980, -17.4512, -49.4610



133.6070, 52.4517, -117.1733



# Rectangle

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



168.3390, 23.0039, 41.7987



163.6830, -12.1687, 76.5770



146.3980, -17.4512, -49.4610



131.3150, 28.4387, -115.1633

# Sweetspot

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



168.3390, 23.0039, 41.7987



238.5640, 8.1029, 14.4144



144.2340, 35.3806, -8.0982



117.9070, 4.4828, 8.8516



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.



168.3390, 23.0039, 41.7987



187.3810, 32.8432, 59.3019



163.8930, 5.9688, 45.6978



100.5430, 3.1833, 5.6628



70.3950, 48.6123, 88.2306



17.7590, 12.4438, 22.1364



# Inverse Universe

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



168.3390, 23.0039, 41.7987



187.3810, 32.8432, 59.3019



187.2210, -5.5320, -45.7978



100.5430, 3.1833, 5.6628



70.3950, 48.6123, 88.2306



17.7590, 12.4438, 22.1364



# Previews

## White Background



This preview shows how the YUV color 168.3390, 23.0039, 41.7987 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

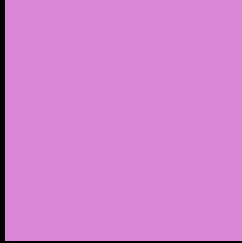
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 168.3390, 23.0039, 41.7987 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

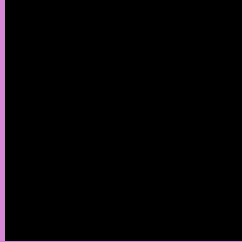
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 168.3390, 23.0039, 41.7987

## Background



This preview shows how black text looks on a background with the YUV color 168.3390, 23.0039, 41.7987.



This preview shows how white text looks on a background with the YUV color 168.3390, 23.0039,



# 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

168.3390, 23.0039, 41.7987

### Protanopia

163.1570, 35.4186, -20.3087

### Deuteranopia

164.7920, 22.2875, -8.5876



## Tritanopia

166.7920, -4.3345, 37.0164

# Trichromacy



## Original Color

168.3390, 23.0039, 41.7987



## Protanomaly

165.4480, 30.8381, 2.2381



## Deuteranomaly

166.3150, 22.5227, 9.3707



## Tritanomaly

167.7350, 5.5536, 38.8204

# Monochromacy



## Original Color

168.3390, 23.0039, 41.7987



## Achromatopsia

168.0000, 0.0000, 0.0000



## Achromatomaly

167.9770, 8.3923, 14.9292

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 168.3390, 23.0039, 41.7987 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(216, 135, 215)` looks like.

```
.text, #text, p{  
    color:rgb(216, 135, 215)  
}
```

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(216, 135, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 135, 215) }
```

## Border

The CSS property to change the border of an element to YUV 168.3390, 23.0039, 41.7987 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".

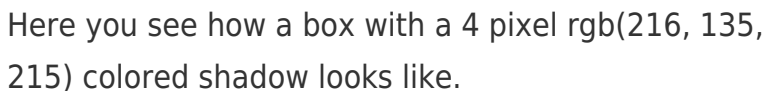
```
.border, #border, table{ border:4px solid rgb(216, 135, 215) }
```



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

```
.border{ border-color:rgb(216, 135, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 135, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 135, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 135, 215); box-shadow:4px 4px 4px 4px rgb(216, 135, 215) }
```

# Background

The CSS property to change the background color of an element to YUV 168.3390, 23.0039, 41.7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 135, 215) }
```

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

```
.background{ background-color: rgb(216,  
135, 215) }
```

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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