

Converting Colors

YUV(161.3880, 21.9937,
39.1247)

Have a look what the booklet for
YUV(161.3880, 21.9937, 39.1247)
contains.

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Color

**YUV(161.3880, 21.9937,
39.1247)**

Conversions

Conversions Part 1

Format	Color
Hex	CE82CE
RGB	206, 130, 206
RGB Percent	81%, 51%, 81%
CMY	0.1922, 0.4902, 0.1922
CMYK	0.00, 0.37, 0.00, 0.19
HSL	300°, 44%, 66%
HSV	300°, 37%, 81%
XYZ	44.5768, 33.5433, 62.5176
YIQ	161.3880, 20.9000, 39.7480

Conversions

Conversions Part 2

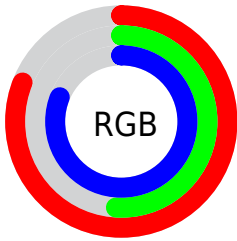
Format	Color
R_{YB}	206, 130, 206
Decimal	13533902
CIE _{Lab}	64.60, 41.07, -27.27
CIE _{LCh}	65, 49.294, 326.416
Yxy	33.5433, 0.3170, 0.2385
Android (android.graphics.Color)	4291723982 (0xFFCE82CE)
YUV	161.3880, 21.9937, 39.1247
Hunter-Lab	57.9166, 36.0325, -23.4585

Details

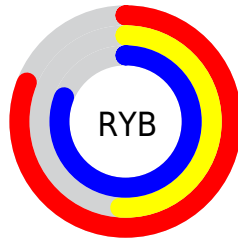
The YUV color **161.3880, 21.9937, 39.1247** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174.6120, -21.9937, -39.1247**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3230, 20.5468, 36.5507**, and **107.8500, 21.2730, 36.9656** is the 20% darker color. If you saturate the color by 10%, you get **149.0610, 28.0709, 49.9355**, and if you desaturate by 10%, it is **173.7150, 15.9165, 28.3139**.

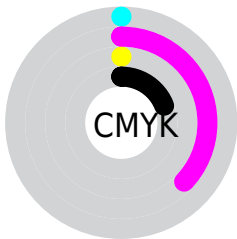
Distribution



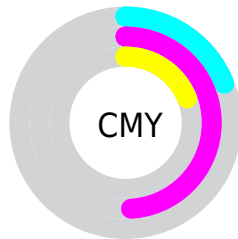
- Red (81%)
- Green (51%)
- Blue (81%)



- Red (81%)
- Yellow (51%)
- Blue (81%)



- Cyan (0%)
- Magenta (37%)
- Yellow (0%)
- Black (19%)





- Cyan (19%)
- Magenta (49%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 161.3880, 21.9937, 39.1247 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 161.3880, 21.9937, 39.1247 by changing the saturation by 10% instead.

 161.3880, 21.9937,
39.1247


 161.3880, 21.9937,
39.1247


255.0000, 0.0000,
0.0000

 134.5620, 21.4149,
38.0951


 213.3230, 20.5468,
36.5507


 107.8500, 21.2730,
36.9656


 229.7590, 12.4438,
22.1364

 82.1380, 21.1310,
35.8360

 246.7820, 4.0515,
7.2072

 56.8390, 21.2784,
35.2212

 30.1920, 22.5833,
36.6656

 20.3940, 16.0748,
24.2105

 9.8130, 10.4452,

9.8110

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 161.3880, 21.9937,
39.1247

■ 161.3880, 21.9937,
39.1247

■ 149.0610, 28.0709,
49.9355

■ 173.7150, 15.9165,
28.3139

■ 137.3210, 33.8587,
60.2315

■ 185.4550, 10.1287,
18.0180

■ 124.9940, 39.9360,
71.0423

■ 197.7820, 4.0515,
7.2072

■ 113.2540, 45.7238,
81.3382

■ 209.5220, -1.7363,
-3.0888

■ 100.9270, 51.8010,
92.1490

■ 221.8490, -7.8136,
-13.8996

■ 88.6000, 57.8782,
102.9598

■ 234.1760,
-13.8908, -24.7104

■ 85.0780, 59.6145,
106.0486

■ 234.7630,
-14.1802, -25.2252

Harmonies

Analogous

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



158.3420, 38.2854, -6.4389



161.3880, 21.9937, 39.1247



158.8140, 2.5567, 66.8151

Triad

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



161.3880, 21.9937, 39.1247



152.6610, -42.7239, 30.1153



126.6020, 33.2272, -111.0300

Complementary

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



161.3880, 21.9937, 39.1247



174.6120, -21.9937, -39.1247

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.



122.1730, 13.7187, -107.1457



161.3880, 21.9937, 39.1247



148.6350, -36.7951, -4.9419

Square

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



161.3880, 21.9937, 39.1247



155.1880, -35.0957, 56.8401



140.5340, -17.0253, -46.0723



127.6570, 49.9621, -111.9552

Rectangle

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



161.3880, 21.9937, 39.1247



157.1770, -11.4263, 71.7588



140.5340, -17.0253, -46.0723



125.5930, 26.8227, -110.1451

Sweetspot

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



161.3880, 21.9937, 39.1247



238.5640, 8.1029, 14.4144



138.6640, 33.1966, -7.5983



118.0210, 4.9196, 8.7516



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.



161.3880, 21.9937, 39.1247



189.2560, 32.4118, 57.6575



157.0560, 5.3954, 42.9239



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Inverse Universe

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



161.3880, 21.9937, 39.1247



189.2560, 32.4118, 57.6575



178.9440, -5.3954, -42.9239



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 161.3880, 21.9937, 39.1247 looks on a white background.

Color Contrast Check

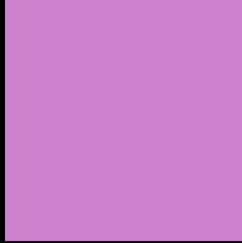
Large Text (above 18pt) WCAG AA × Fail

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 161.3880, 21.9937, 39.1247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

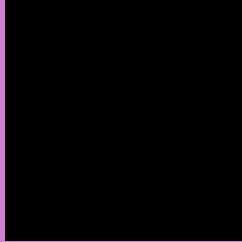
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.3880, 21.9937, 39.1247

Background



This preview shows how black text looks on a background with the YUV color 161.3880, 21.9937, 39.1247.



This preview shows how white text looks on a background with the YUV color 161.3880, 21.9937, 39.1247.

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

161.3880, 21.9937, 39.1247

Protanopia

157.0000, 33.5240, -19.2940

Deuteranopia

157.9770, 21.7033, -7.8728



Tritanopia

159.5960, -3.7448, 34.5573

Trichromacy



Original Color

161.3880, 21.9937, 39.1247



Protanomaly

158.6930, 29.2384, 2.0232



Deuteranomaly

159.0870, 21.6491, 9.5707



Tritanomaly

160.4250, 5.7065, 36.4613

Monochromacy



Original Color

161.3880, 21.9937, 39.1247



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

161.1510, 7.8136, 13.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.3880, 21.9937, 39.1247 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(206, 130, 206)` looks like.

```
.text, #text, p{  
    color:rgb(206, 130, 206)  
}
```

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(206, 130, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 130, 206) }
```

Border

The CSS property to change the border of an element to YUV 161.3880, 21.9937, 39.1247 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(206, 130, 206) }
```


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

```
.border{ border-color:rgb(206, 130, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 130, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 130, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 130, 206);  
box-shadow:4px 4px 4px 4px rgb(206, 130,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 161.3880, 21.9937, 39.1247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 130, 206) }
```

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

```
.background{ background-color: rgb(206,  
130, 206) }
```

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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