

Converting Colors

YUV(167.8160, 22.7687,
23.8404)

Have a look what the booklet for
YUV(167.8160, 22.7687, 23.8404)
contains.

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Color

**YUV(167.8160, 22.7687,
23.8404)**

Conversions

Conversions Part 1

Format	Color
Hex	C391D6
RGB	195, 145, 214
RGB Percent	76%, 57%, 84%
CMY	0.2353, 0.4314, 0.1608
CMYK	0.09, 0.32, 0.00, 0.16
HSL	283°, 46%, 70%
HSV	283°, 32%, 84%
XYZ	44.7687, 36.7079, 68.3441
YIQ	167.8160, 7.6510, 32.0590

Conversions

Conversions Part 2

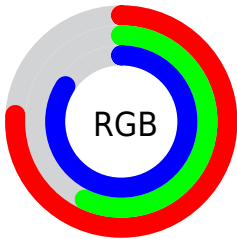
Format	Color
RYB	195, 145, 214
Decimal	12816854
CIELab	67.06, 31.02, -28.04
CIElCh	67, 41.817, 317.892
Yxy	36.7079, 0.2988, 0.2450
Android (android.graphics.Color)	4291006934 (0xFFC391D6)
YUV	167.8160, 22.7687, 23.8404
Hunter-Lab	60.5871, 25.8689, -24.4700

Details

The YUV color **167.8160, 22.7687, 23.8404** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **191.1840, -22.7687, -23.8404**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2310, 16.6481, 26.9844**, and **115.1640, 21.6111, 21.7812** is the 20% darker color. If you saturate the color by 10%, you get **153.6950, 29.7304, 30.9625**, and if you desaturate by 10%, it is **181.9370, 15.8071, 16.7183**.

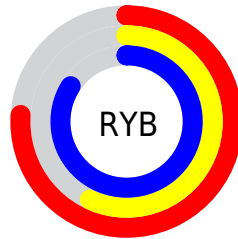
Distribution



Red (76%)

Green (57%)

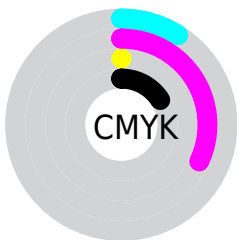
Blue (84%)



Red (76%)

Yellow (57%)

Blue (84%)

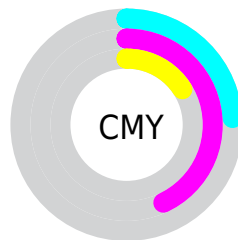


Cyan (9%)

Magenta (32%)

Yellow (0%)

Black (16%)



Cyan (24%)


Magenta (43%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 167.8160, 22.7687, 23.8404 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 167.8160, 22.7687, 23.8404 by changing the saturation by 10% instead.


 167.8160, 22.7687,
23.8404


 167.8160, 22.7687,
23.8404


255.0000, 0.0000,
0.0000


 140.9900, 22.1899,
22.8108


 221.2310, 16.6481,
26.9844


 115.1640, 21.6111,
21.7812

 239.1510, 7.8136,
13.8996

 89.7510, 21.3218,
21.2664

 65.8110, 20.3062,
20.3368

 42.0990, 20.1642,
19.2072

 18.6860, 19.8748,
18.6924

 9.3010, 13.6556,

6.7520

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 167.8160, 22.7687,
23.8404

■ 167.8160, 22.7687,
23.8404

■ 153.6950, 29.7304,
30.9625

■ 181.9370, 15.8071,
16.7183

■ 138.9870, 36.9814,
38.5994

■ 196.6450, 8.5560,
9.0813

■ 124.8660, 43.9431,
45.7215

■ 210.7660, 1.5944,
1.9592

■ 110.1580, 51.1941,
53.3584

■ 225.4740, -5.6567,
-5.6777

96.3360, 58.0084,
61.0953

239.2960,
-12.4709, -13.4146

82.2150, 64.9700,
68.2174

242.8510,
-14.2235, -11.2703

70.7410, 70.6267,
73.8951

244.6450,
-15.1080, -7.5817

246.4390,
-15.9924, -3.8930

248.2330,
-16.8769, -0.2043

Harmonies

Analogous

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



162.8800, 35.5552, -17.4348



167.8160, 22.7687, 23.8404



167.3390, 6.2419, 51.4457

Triad

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



167.8160, 22.7687, 23.8404



161.5180, -35.7514, 33.7487



128.5110, 27.8491, -112.7041

Complementary

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



167.8160, 22.7687, 23.8404



191.1840, -22.7687, -23.8404

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.



143.5110, 1.2271, -67.1001



167.8160, 22.7687, 23.8404



158.2110, -33.6280, 5.9540

Square

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



167.8160, 22.7687, 23.8404



163.9410, -27.0859, 54.4257



153.0310, -20.7213, -27.2142



130.5120, 43.1316, -114.4590

Rectangle

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



167.8160, 22.7687, 23.8404



166.0060, -5.4260, 60.5077



153.0310, -20.7213, -27.2142



127.0290, 22.1707, -111.4044

Sweetspot

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



167.8160, 22.7687, 23.8404



238.2320, 8.2666, 8.5665



164.6060, 24.3512, -17.1945



117.1130, 5.3673, 5.1629



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.



167.8160, 22.7687, 23.8404



188.8140, 32.6297, 34.3661



171.7870, 13.4160, 37.0208



99.6460, 3.6255, 3.8185



56.5700, 56.4140, 59.1361



14.1710, 14.2127, 14.7590

Inverse Universe

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



167.7970, -1.8719, 40.5200



188.6790, -2.7997, 58.1635



187.2130, -13.4160, -37.0208



99.6310, -0.3111, 6.4626



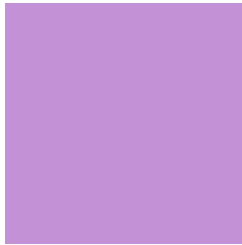
56.4870, -4.6771, 100.4279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 167.8160, 22.7687, 23.8404 looks on a white background.

Color Contrast Check

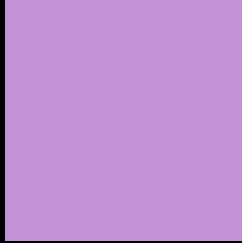
Large Text (above 18pt) WCAG AA × Fail

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 167.8160, 22.7687, 23.8404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

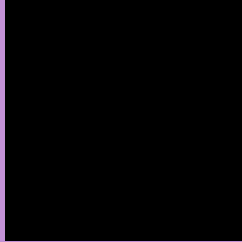
Any Text WCAG AA ✓ Pass

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 167.8160, 22.7687, 23.8404 Background



This preview shows how black text looks on a background with the YUV color 167.8160, 22.7687, 23.8404.



This preview shows how white text looks on a background with the YUV color 167.8160, 22.7687, 23.8404.

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

167.8160, 22.7687, 23.8404

Protanopia

163.3270, 30.8978, -16.9498

Deuteranopia

164.6070, 22.8717, -9.3023



Tritanopia

165.5340, 0.2297, 19.7027

Trichromacy



Original Color

167.8160, 22.7687, 23.8404



Protanomaly

165.0300, 28.0862, -1.7803



Deuteranomaly

165.6840, 22.8338, 2.9081



Tritanomaly

166.6080, 8.0813, 21.3918

Monochromacy



Original Color

167.8160, 22.7687, 23.8404



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.2320, 8.2666, 8.5665

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.8160, 22.7687, 23.8404 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(195, 145, 214)` looks like.

```
.text, #text, p{  
    color:rgb(195, 145, 214)  
}
```

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(195, 145, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 145, 214) }
```

Border

The CSS property to change the border of an element to YUV 167.8160, 22.7687, 23.8404 is called "border". The border property can be set on classes, ids or directly on the HTML element.

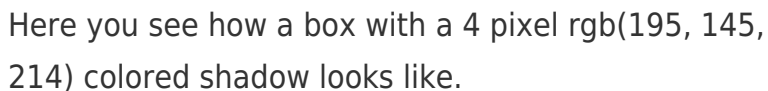
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 145, 214) }
```


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

```
.border{ border-color:rgb(195, 145, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 145, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 145, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 145, 214);  
box-shadow:4px 4px 4px 4px rgb(195, 145,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 167.8160, 22.7687, 23.8404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 145, 214) }
```

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

```
.background{ background-color: rgb(195,  
145, 214) }
```

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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