

Converting Colors

YUV(164.8200, 6.4977, 15.9439)

Have a look what the booklet for
YUV(164.8200, 6.4977, 15.9439)
contains.

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Color

**YUV(164.8200, 6.4977,
15.9439)**

Conversions

Conversions Part 1

Format	Color
Hex	B799B2
RGB	183, 153, 178
RGB Percent	72%, 60%, 70%
CMY	0.2824, 0.4000, 0.3020
CMYK	0.00, 0.16, 0.03, 0.28
HSL	310°, 17%, 66%
HSV	310°, 16%, 72%
XYZ	38.9556, 36.0641, 47.0274
YIQ	164.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

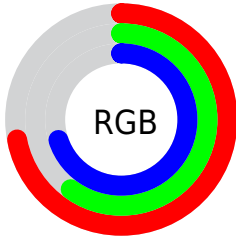
Format	Color
RYB	183, 153, 178
Decimal	12032434
CIELab	66.57, 15.50, -8.82
CIELCh	67, 17.837, 330.366
Yxy	36.0641, 0.3192, 0.2955
Android (android.graphics.Color)	4290222514 (0xFFB799B2)
YUV	164.8200, 6.4977, 15.9439
Hunter-Lab	60.0534, 10.6963, -4.3922

Details

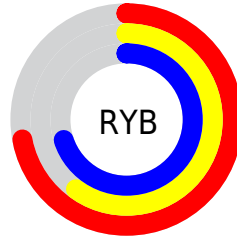
The YUV color **164.8200, 6.4977, 15.9439** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171.1800, -6.4977, -15.9439**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.6460, 7.0765, 16.9735**, and **112.9940, 5.9190, 14.9143** is the 20% darker color. If you saturate the color by 10%, you get **153.9120, 10.3964, 25.5102**, and if you desaturate by 10%, it is **175.7280, 2.5991, 6.3775**.

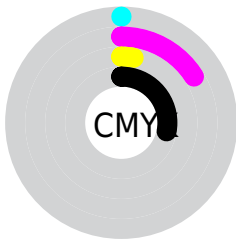
Distribution



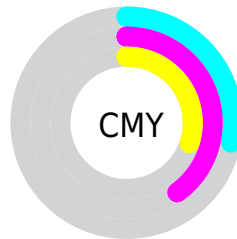
- Red (72%)
- Green (60%)
- Blue (70%)



- Red (72%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (28%)



- Cyan (28%)
- Magenta (40%)
- Yellow (30%)
- Black (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8200, 6.4977, 15.9439 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 164.8200, 6.4977, 15.9439 by changing the saturation by 10% instead.

■ 164.8200, 6.4977,
15.9439

■ 164.8200, 6.4977,
15.9439

255.0000, 0.0000,
0.0000

■ 138.4070, 6.2083,
15.4291

■ 219.6460, 7.0765,
16.9735

■ 112.9940, 5.9190,
14.9143

■ 243.8470, 5.4984,
9.7812

■ 88.2820, 5.7770,
13.7847

■ 64.8690, 5.4876,
13.2699

■ 42.5700, 5.6350,
12.6551

■ 21.1570, 5.3456,
12.1403

■ 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 164.8200, 6.4977,
15.9439

■ 164.8200, 6.4977,
15.9439

■ 153.9120, 10.3964,
25.5102

■ 175.7280, 2.5991,
6.3775

■ 142.4170, 14.5844,
35.5913

■ 187.2230, -1.5889,
-3.7036

■ 131.5090, 18.4831,
45.1576

■ 198.1310, -5.4876,
-13.2699

■ 120.6010, 22.3817,
54.7239

■ 209.0390, -9.3862,
-22.8362

■ 109.1060, 26.5697,
64.8050

■ 219.9470,
-13.2849, -32.4025

■ 98.1980, 30.4684,
74.3714

■ 226.7460,
-15.1578, -38.3652

■ 87.2900, 34.3670,
83.9377

■ 227.0880,
-13.8474, -38.6652

■ 76.3820, 38.2657,
93.5040

■ 227.4300,
-12.5370, -38.9651

■ 72.0450, 39.4178,
97.3075

■ 227.7720,
-11.2266, -39.2650

Harmonies

Analogous

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



163.6270, 12.5089, 1.2041



164.8200, 6.4977, 15.9439



165.1110, -1.5337, 25.3357

Triad

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



164.8200, 6.4977, 15.9439



161.3530, -15.4570, 11.0914



156.1360, 10.2860, -32.5683

Complementary

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



164.8200, 6.4977, 15.9439



171.1800, -6.4977, -15.9439

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.



155.9210, 2.9969, -27.9947



164.8200, 6.4977, 15.9439



159.6610, -12.6509, -2.3337

Square

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



164.8200, 6.4977, 15.9439



163.1740, -13.8898, 21.7724



157.6960, -5.7661, -17.2734



157.8360, 15.3639, -27.9202

Rectangle

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



164.8200, 6.4977, 15.9439



164.4550, -6.6333, 27.6650



157.6960, -5.7661, -17.2734



155.5660, 8.1020, -32.0684

Sweetspot

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



164.8200, 6.4977, 15.9439



229.7280, 2.5991, 6.3775



157.9150, 12.3669, 0.0745



115.7770, 1.5889, 3.7036



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



164.8200, 6.4977, 15.9439



208.4990, 10.1070, 24.9954



163.1100, -0.0542, 17.4435



86.4890, 1.7309, 4.8331



61.4640, 33.7882, 82.9081



10.9940, 5.9190, 14.9143

Inverse Universe

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



164.8200, 6.4977, 15.9439



208.4990, 10.1070, 24.9954



172.8900, 0.0542, -17.4435



86.4890, 1.7309, 4.8331



61.4640, 33.7882, 82.9081



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 164.8200, 6.4977, 15.9439 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 164.8200, 6.4977, 15.9439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

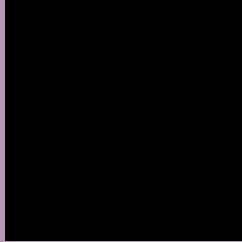
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.8200, 6.4977, 15.9439

Background



This preview shows how black text looks on a background with the YUV color 164.8200, 6.4977, 15.9439.



This preview shows how white text looks on a background with the YUV color 164.8200, 6.4977,

15.9439.

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

164.8200, 6.4977, 15.9439

Protanopia

162.9100, 9.9044, -3.4291

Deuteranopia

164.0530, 6.3829, 6.0925



Tritanopia

164.1420, 1.4090, 14.7845

Trichromacy



Original Color

164.8200, 6.4977, 15.9439

Protanomaly

163.6120, 8.5723, 3.8483

Deuteranomaly

164.0750, 6.3720, 9.5812

Tritanomaly

164.3100, 3.2982, 15.5141

Monochromacy



Original Color

164.8200, 6.4977, 15.9439

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3150, 2.3097, 5.8627

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8200, 6.4977, 15.9439 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(183, 153, 178)` looks like.

```
.text, #text, p{  
    color:rgb(183, 153, 178)  
}
```

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(183, 153, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 153, 178) }
```

Border

The CSS property to change the border of an element to YUV 164.8200, 6.4977, 15.9439 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(183, 153, 178) }
```


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

```
.border{ border-color:rgb(183, 153, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 153, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 153, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 153, 178);  
box-shadow:4px 4px 4px 4px rgb(183, 153,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 164.8200, 6.4977, 15.9439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 153, 178) }
```

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

```
.background{ background-color: rgb(183,  
153, 178) }
```

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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