

Converting Colors

YUV(165.9450, 23.6911, 7.9412)

Have a look what the booklet for
YUV(165.9450, 23.6911, 7.9412)
contains.

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Color

**YUV(165.9450, 23.6911,
7.9412)**

Conversions

Conversions Part 1

Format	Color
Hex	AF98D6
RGB	175, 152, 214
RGB Percent	69%, 60%, 84%
CMY	0.3137, 0.4039, 0.1608
CMYK	0.18, 0.29, 0.00, 0.16
HSL	262°, 43%, 72%
HSV	262°, 29%, 84%
XYZ	41.0450, 36.4255, 68.4858
YIQ	165.9450, -6.1940, 24.1580

Conversions

Conversions Part 2

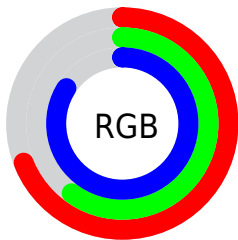
Format	Color
RYB	175, 152, 214
Decimal	11507926
CIELab	66.84, 20.84, -28.53
CIELCh	67, 35.330, 306.156
Yxy	36.4255, 0.2812, 0.2496
Android (android.graphics.Color)	4289698006 (0xFFAF98D6)
YUV	165.9450, 23.6911, 7.9412
Hunter-Lab	60.3535, 15.7751, -25.0316

Details

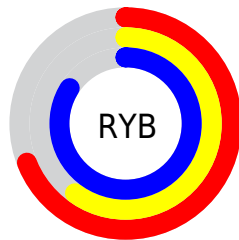
The YUV color **165.9450, 23.6911, 7.9412** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **200.0550, -23.6911, -7.9412**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0610, 17.7179, 10.4705**, and **113.8910, 22.2387, 7.1116** is the 20% darker color. If you saturate the color by 10%, you get **149.7310, 31.6846, 10.7599**, and if you desaturate by 10%, it is **182.1590, 15.6976, 5.1226**.

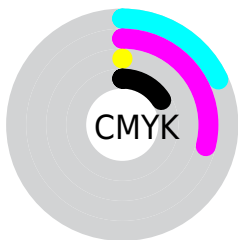
Distribution



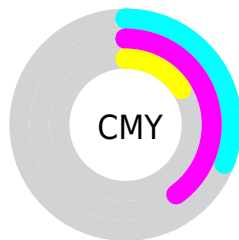
- Red (69%)
- Green (60%)
- Blue (84%)



- Red (69%)
- Yellow (60%)
- Blue (84%)



- Cyan (18%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)




- Cyan (31%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.9450, 23.6911, 7.9412 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 165.9450, 23.6911, 7.9412 by changing the saturation by 10% instead.


 165.9450, 23.6911,
7.9412

 165.9450, 23.6911,
7.9412


255.0000, 0.0000,
0.0000


 139.4180, 22.9649,
7.5264


 219.0610, 17.7179,
10.4705


 113.8910, 22.2387,
7.1116

 243.2600, 5.7878,
10.2960

 89.0650, 21.6600,
6.0820

 65.1250, 20.6444,
5.1524

 42.2990, 20.0656,
4.1228

 20.3590, 19.0500,
3.1932

 4.2180, 16.1615,

-3.6992

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 165.9450, 23.6911,
7.9412

■ 165.9450, 23.6911,
7.9412

■ 149.7310, 31.6846,
10.7599

■ 182.1590, 15.6976,
5.1226

■ 132.6310, 40.1149,
13.4786

■ 199.2590, 7.2673,
2.4039

■ 116.4170, 48.1084,
16.2973

■ 215.4730, -0.7262,
-0.4148

■ 99.3170, 56.5387,
19.0160

■ 232.5730, -9.1565,
-3.1335

■ 83.1030, 64.5322,
21.8347

■ 246.4390,
-15.9924, -3.8930

■ 66.5900, 72.6731,
24.0386

■ 250.3260,
-17.9087, 4.0991

■ 49.7890, 80.9560,
27.3720

■ 48.0170, 81.8296,
27.1721

Harmonies

Analogous

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



160.1900, 31.9513, -28.2306



165.9450, 23.6911, 7.9412



167.0920, 10.8006, 35.8763

Triad

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



165.9450, 23.6911, 7.9412



162.4890, -28.3421, 37.2821



143.3500, 12.1525, -71.3439

Complementary

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



165.9450, 23.6911, 7.9412



200.0550, -23.6911, -7.9412

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.



151.3850, -7.5848, -40.6796



165.9450, 23.6911, 7.9412



159.8900, -30.0188, 15.0055

Square

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



165.9450, 23.6911, 7.9412



164.2100, -18.3445, 50.6818



156.2610, -22.8067, -11.6299



137.6370, 30.2520, -90.0126

Rectangle

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



165.9450, 23.6911, 7.9412



166.2370, 0.8692, 48.0272



156.2610, -22.8067, -11.6299



145.9940, 5.4260, -60.5077

Sweetspot

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



165.9450, 23.6911, 7.9412



237.3130, 8.7197, 3.2335



181.9610, 15.7952, -26.2758



116.5040, 5.6675, 2.1890



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.



165.9450, 23.6911, 7.9412



186.0130, 34.0106, 11.3896



175.2140, 19.1215, 26.9993



98.4500, 4.2152, 1.3594



38.3310, 65.4058, 21.6347



9.6860, 16.4238, 5.5374

Inverse Universe

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



174.9840, 7.8959, 34.2170



198.9950, 11.3415, 49.1164



190.7860, -19.1215, -26.9993



100.0870, 1.4361, 6.0627



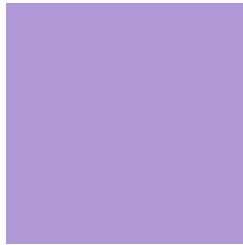
63.3270, 21.5308, 94.4292



15.9350, 5.4550, 23.7360

Previews

White Background



This preview shows how the YUV color 165.9450, 23.6911, 7.9412 looks on a white background.

Color Contrast Check

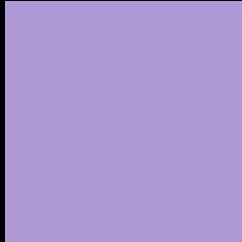
Large Text (above 18pt) WCAG AA × Fail

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 165.9450, 23.6911, 7.9412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

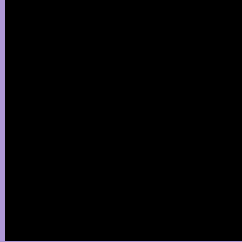
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.9450, 23.6911, 7.9412

Background



This preview shows how black text looks on a background with the YUV color 165.9450, 23.6911, 7.9412.



This preview shows how white text looks on a background with the YUV color 165.9450, 23.6911, 7.9412.

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

165.9450, 23.6911, 7.9412

Protanopia

162.9420, 28.1296, -15.7351

Deuteranopia

163.5360, 23.8928, -10.1171



Tritanopia

163.8740, 4.4991, 3.6185

Trichromacy



Original Color

165.9450, 23.6911, 7.9412

Protanomaly

164.2420, 26.5027, -7.2282

Deuteranomaly

164.2810, 24.0185, -3.7544

Tritanomaly

164.7200, 11.4770, 5.5076

Monochromacy



Original Color

165.9450, 23.6911, 7.9412

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9000, 8.4303, 2.7187

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9450, 23.6911, 7.9412 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(175, 152, 214)` looks like.

```
.text, #text, p{  
    color:rgb(175, 152, 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(175, 152, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 152, 214) }
```

Border

The CSS property to change the border of an element to YUV 165.9450, 23.6911, 7.9412 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(175, 152, 214) }
```


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

```
.border{ border-color:rgb(175, 152, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 152, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 152, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 152, 214);  
box-shadow:4px 4px 4px 4px rgb(175, 152,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 165.9450, 23.6911, 7.9412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 152, 214) }
```

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

```
.background{ background-color: rgb(175,  
152, 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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