

Converting Colors

YUV(79.4600, 6.1822, 70.6336)

Have a look what the booklet for
YUV(79.4600, 6.1822, 70.6336)
contains.

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Color

**YUV(79.4600, 6.1822,
70.6336)**

Conversions

Conversions Part 1

Format	Color
Hex	A0245C
RGB	160, 36, 92
RGB Percent	63%, 14%, 36%
CMY	0.3725, 0.8588, 0.6392
CMYK	0.00, 0.78, 0.42, 0.37
HSL	333°, 63%, 38%
HSV	333°, 78%, 63%
XYZ	17.0598, 9.5080, 11.0613
YIQ	79.4600, 55.9280, 43.7040

Conversions

Conversions Part 2

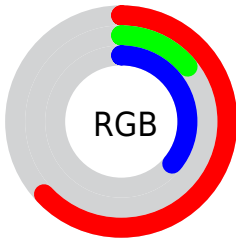
Format	Color
R_{YB}	160, 36, 92
Decimal	10495068
CIE _{Lab}	36.94, 53.83, -2.04
CIE _{LCh}	37, 53.872, 357.833
Yxy	9.5080, 0.4534, 0.2527
Android (android.graphics.Color)	4288685148 (0xFFA0245C)
YUV	79.4600, 6.1822, 70.6336
Hunter-Lab	30.8351, 44.7955, 0.3158

Details

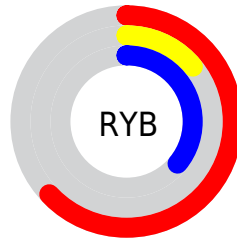
The YUV color **79.4600, 6.1822, 70.6336** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **116.5400, -6.1822, -70.6336**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2600, 2.8298, 72.5630**, and **36.0410, 4.9098, 58.7230** is the 20% darker color. If you saturate the color by 10%, you get **69.0420, 6.8813, 79.7702**, and if you desaturate by 10%, it is **89.8780, 5.4831, 61.4970**.

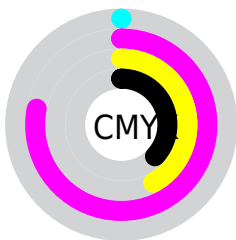
Distribution



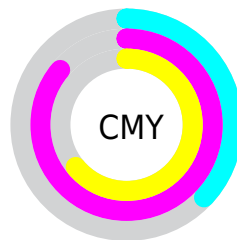
- Red (63%)
- Green (14%)
- Blue (36%)



- Red (63%)
- Yellow (14%)
- Blue (36%)



- Cyan (0%)
- Magenta (78%)
- Yellow (42%)
- Black (37%)




- Cyan (37%)
- Magenta (86%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4600, 6.1822, 70.6336 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 79.4600, 6.1822, 70.6336 by changing the saturation by 10% instead.


 79.4600, 6.1822,
70.6336


 79.4600, 6.1822,
70.6336

255.0000, 0.0000,
0.0000

 47.0350, 10.8287,
73.6373


 136.2600, 2.8298,
72.5630


 36.0410, 4.9098,
58.7230

 164.6300, 1.6614,
73.9925


 25.3890, 0.3012,
43.5088

 185.4650, 5.1938,
60.9822

 15.1780, -6.4968,
30.5389

 205.0930, 9.3212,
43.7684

 0.0000, 0.0000,
0.0000

 225.3080, 13.1592,
26.0399

 242.6730, 6.0772,

■ 79.4600, 6.1822,
70.6336

■ 79.4600, 6.1822,
70.6336

■ 69.0420, 6.8813,
79.7702

■ 89.8780, 5.4831,
61.4970

■ 58.6240, 7.5804,
88.9068

■ 100.2960, 4.7841,
52.3604

■ 56.0480, 7.8643,
91.1659

■ 110.6000, 3.6482,
43.3238

■ 121.0180, 2.9491,
34.1872

■ 131.4360, 2.2501,
25.0506

■ 141.8540, 1.5510,
15.9140

■ 152.1580, 0.4151,
6.8774

■ 162.5760, -0.2840,
-2.2592

■ 172.9940, -0.9830,
-11.3957

Harmonies

Analogous

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



87.3390, 23.0039, 41.7987



79.4600, 6.1822, 70.6336



79.2540, -14.9152, 70.8142

Triad

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



79.4600, 6.1822, 70.6336



76.0860, -37.5104, -8.8454



78.7010, 40.0804, -69.0208

Complementary

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



79.4600, 6.1822, 70.6336



116.5400, -6.1822, -70.6336

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.



76.5860, 24.3611, -67.1659



79.4600, 6.1822, 70.6336



64.6790, -13.6457, -56.7235

Square

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



79.4600, 6.1822, 70.6336



81.6000, -40.2288, 23.1528



71.5700, 5.1420, -62.7669



74.4270, 49.0895, -65.2725

Rectangle

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



79.4600, 6.1822, 70.6336



81.1050, -29.1388, 59.5439



71.5700, 5.1420, -62.7669



78.2620, 35.8598, -68.6358

Sweetspot

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



79.4600, 6.1822, 70.6336



177.8600, 2.5340, 27.3098



69.8700, 44.4341, 28.1780



85.4520, 1.2562, 17.1436



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



79.4600, 6.1822, 70.6336



82.9240, 9.4045, 110.5687



75.4240, -19.4360, 74.1732



73.8480, 0.5679, 4.5183



50.0530, 6.8759, 81.5145



5.2830, 0.8465, 8.5218

Inverse Universe

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



79.4600, 6.1822, 70.6336



82.9240, 9.4045, 110.5687



120.5760, 19.4360, -74.1732



73.8480, 0.5679, 4.5183



50.0530, 6.8759, 81.5145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 79.4600, 6.1822, 70.6336 looks on a white background.

Color Contrast Check

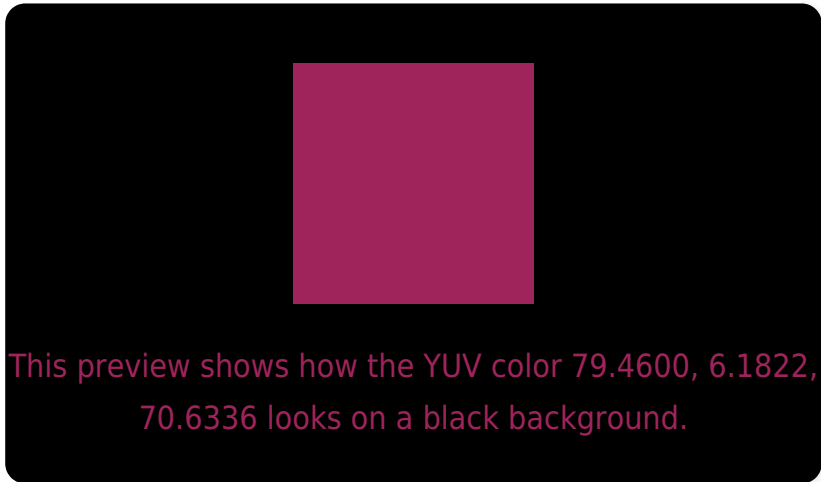
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

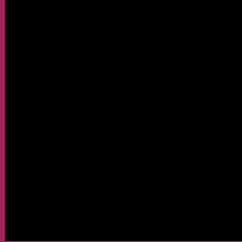
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4600, 6.1822, 70.6336

Background



This preview shows how black text looks on a background with the YUV color 79.4600, 6.1822, 70.6336.



This preview shows how white text looks on a background with the YUV color 79.4600, 6.1822,

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

79.4600, 6.1822, 70.6336

Protanopia

88.1140, 17.1988, -9.7470

Deuteranopia

88.7020, -1.3321, 7.2773



Tritanopia

80.8190, -15.1938, 66.8107

Trichromacy



Original Color

79.4600, 6.1822, 70.6336

Protanomaly

84.6770, 13.4702, 19.5773

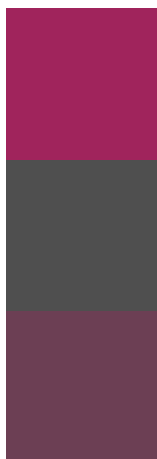
Deuteranomaly

85.2410, 1.3602, 30.4836

Tritanomaly

80.4800, -7.6316, 67.9850

Monochromacy



Original Color

79.4600, 6.1822, 70.6336

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8490, 2.5394, 25.5654

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4600, 6.1822, 70.6336 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(160, 36, 92)` looks like.

```
.text, #text, p{  
    color:rgb(160, 36, 92)  
}
```

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(160, 36, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 36, 92) }
```

Border

The CSS property to change the border of an element to YUV 79.4600, 6.1822, 70.6336 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(160, 36, 92) }
```


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

```
.border{ border-color:rgb(160, 36, 92) }
```

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

Here you see how a box with a 4 pixel rgb(160, 36, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 36, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 36, 92);  
box-shadow:4px 4px 4px 4px rgb(160, 36,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 79.4600, 6.1822, 70.6336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 36, 92) }
```

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

```
.background{ background-color: rgb(160, 36,  
92) }
```

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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