

Converting Colors

YUV(111.4420, 6.6841, 49.6014)

Have a look what the booklet for
YUV(111.4420, 6.6841, 49.6014)
contains.

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Color

**YUV(111.4420, 6.6841,
49.6014)**

Conversions

Conversions Part 1

Format	Color
Hex	A8507D
RGB	168, 80, 125
RGB Percent	66%, 31%, 49%
CMY	0.3412, 0.6863, 0.5098
CMYK	0.00, 0.52, 0.26, 0.34
HSL	329°, 35%, 49%
HSV	329°, 52%, 66%
XYZ	22.7188, 15.5428, 21.2047
YIQ	111.4420, 38.0030, 32.6510

Conversions

Conversions Part 2

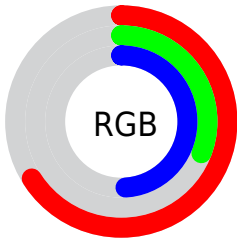
Format	Color
R_{YB}	168, 80, 125
Decimal	11030653
CIE _{Lab}	46.37, 41.47, -8.40
CIE _{LCh}	46, 42.313, 348.556
Yxy	15.5428, 0.3820, 0.2614
Android (android.graphics.Color)	4289220733 (0xFFA8507D)
YUV	111.4420, 6.6841, 49.6014
Hunter-Lab	39.4244, 33.8701, -4.2925

Details

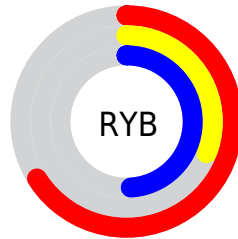
The YUV color **111.4420, 6.6841, 49.6014** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **136.5580, -6.6841, -49.6014**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0510, 6.3839, 52.5753**, and **58.8870, 8.4367, 47.4571** is the 20% darker color. If you saturate the color by 10%, you get **100.5510, 8.1094, 59.1528**, and if you desaturate by 10%, it is **122.3330, 5.2588, 40.0500**.

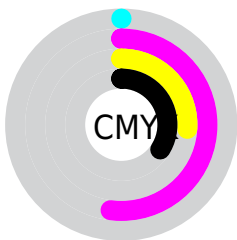
Distribution



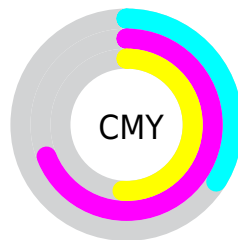
- Red (66%)
- Green (31%)
- Blue (49%)



- Red (66%)
- Yellow (31%)
- Blue (49%)



- Cyan (0%)
- Magenta (52%)
- Yellow (26%)
- Black (34%)



- Cyan (34%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.4420, 6.6841, 49.6014 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 111.4420, 6.6841, 49.6014 by changing the saturation by 10% instead.

 111.4420, 6.6841,
49.6014


 111.4420, 6.6841,
49.6014


255.0000, 0.0000,
0.0000


 84.9580, 7.4157,
48.2718

 165.0510, 6.3839,
52.5753


 58.8870, 8.4367,
47.4571


 192.9480, 5.9416,
54.4196

 32.0550, 10.3259,
48.1868

 212.5760, 10.0690,
37.2058

 21.8870, 4.9857,
34.3021

 231.5200, 11.5756,
20.5920

 12.0460, -2.9807,
22.7617

 248.5430, 3.1833,
5.6628

 0.0000, 0.0000,
0.0000

111.4420, 6.6841,
49.6014

111.4420, 6.6841,
49.6014

100.5510, 8.1094,
59.1528

122.3330, 5.2588,
40.0500

89.6600, 9.5346,
68.7042

133.2240, 3.8336,
30.4986

79.2420, 10.2337,
77.8408

143.6420, 3.1345,
21.3620

68.3510, 11.6590,
87.3922

154.5330, 1.7092,
11.8106

60.0360, 12.8003,
94.6844

165.4240, 0.2840,
2.2592

176.3150, -1.1413,
-7.2923

187.2060, -2.5666,
-16.8437

197.6240, -3.2656,

-25.9802

■ 208.5150, -4.6909,
-35.5317

Harmonies

Analogous

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



113.1750, 21.6057, 23.5255



111.4420, 6.6841, 49.6014



108.8440, -9.7831, 58.0188

Triad

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



111.4420, 6.6841, 49.6014



104.1290, -32.6016, 3.3949



91.8430, 34.5874, -80.5463

Complementary

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



111.4420, 6.6841, 49.6014



136.5580, -6.6841, -49.6014

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.



89.4830, 20.4679, -78.4766



111.4420, 6.6841, 49.6014



98.6010, -18.5373, -27.7141

Square

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



111.4420, 6.6841, 49.6014



106.8380, -34.4301, 29.9601



85.3790, 4.7432, -74.8774



89.6720, 44.0387, -78.6423

Rectangle

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



111.4420, 6.6841, 49.6014



108.3630, -20.3920, 54.0556



85.3790, 4.7432, -74.8774



91.4040, 30.3668, -80.1613

Sweetspot

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



111.4420, 6.6841, 49.6014



196.5170, 2.7031, 19.7176



102.8890, 32.0997, 17.6373



96.4190, 1.2724, 11.9105



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



111.4420, 6.6841, 49.6014



130.3560, 10.6705, 77.7408



106.4260, -12.5350, 54.0004



78.8480, 0.5679, 4.5183



52.9160, 11.3804, 83.3887



7.1200, 1.4198, 11.2958

Inverse Universe

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



111.4420, 6.6841, 49.6014



130.3560, 10.6705, 77.7408



141.5740, 12.5350, -54.0004



78.8480, 0.5679, 4.5183



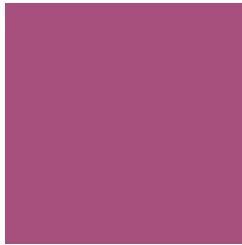
52.9160, 11.3804, 83.3887



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 111.4420, 6.6841, 49.6014 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 × Fail

Black Background



This preview shows how the YUV color 111.4420, 6.6841, 49.6014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

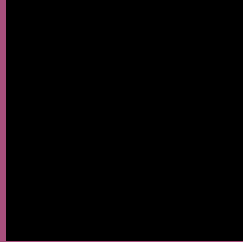
Any Text WCAG AA × Fail

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 111.4420, 6.6841, 49.6014 Background



This preview shows how black text looks on a background with the YUV color 111.4420, 6.6841, 49.6014.



This preview shows how white text looks on a background with the YUV color 111.4420, 6.6841,

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

111.4420, 6.6841, 49.6014

Protanopia

110.7120, 16.9040, -8.5174

Deuteranopia

111.2870, 4.7885, 4.1333



Tritanopia

111.0060, -8.8770, 47.3527

Trichromacy



Original Color

111.4420, 6.6841, 49.6014

Protanomaly

110.6330, 13.4919, 12.5999

Deuteranomaly

111.2120, 5.3185, 20.8621

Tritanomaly

110.9120, -2.9146, 48.3122

Monochromacy



Original Color

111.4420, 6.6841, 49.6014

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.3920, 2.2717, 18.0732

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4420, 6.6841, 49.6014 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(168, 80, 125)` looks like.

```
.text, #text, p{  
    color:rgb(168, 80, 125)  
}
```

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(168, 80, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 80, 125) }
```

Border

The CSS property to change the border of an element to YUV 111.4420, 6.6841, 49.6014 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(168, 80, 125) }
```


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

```
.border{ border-color:rgb(168, 80, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 80, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 80, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 80, 125);  
box-shadow:4px 4px 4px 4px rgb(168, 80,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 111.4420, 6.6841, 49.6014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 80, 125) }
```

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

```
.background{ background-color: rgb(168, 80,  
125) }
```

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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