

Converting Colors

YUV(107.0750, 16.7250,
49.0462)

Have a look what the booklet for
YUV(107.0750, 16.7250, 49.0462)
contains.

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Color

**YUV(107.0750, 16.7250,
49.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	A3488D
RGB	163, 72, 141
RGB Percent	64%, 28%, 55%
CMY	0.3608, 0.7176, 0.4471
CMYK	0.00, 0.56, 0.13, 0.36
HSL	315°, 39%, 46%
HSV	315°, 56%, 64%
XYZ	22.2293, 14.3443, 26.7964
YIQ	107.0750, 32.0870, 40.7510

Conversions

Conversions Part 2

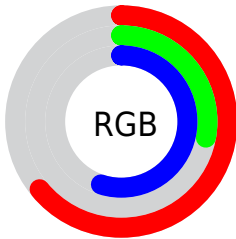
Format	Color
R_{YB}	163, 72, 141
Decimal	10700941
CIE _{Lab}	44.72, 46.32, -20.64
CIE _{LCh}	45, 50.712, 335.984
Yxy	14.3443, 0.3508, 0.2264
Android (android.graphics.Color)	4288891021 (0xFFA3488D)
YUV	107.0750, 16.7250, 49.0462
Hunter-Lab	37.8739, 38.4876, -15.4369

Details

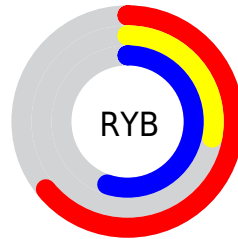
The YUV color **107.0750, 16.7250, 49.0462** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **127.9250, -16.7250, -49.0462**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3850, 16.5722, 51.4054**, and **51.7700, 19.3404, 50.1907** is the 20% darker color. If you saturate the color by 10%, you get **97.2270, 19.6081, 57.6829**, and if you desaturate by 10%, it is **116.9230, 13.8420, 40.4095**.

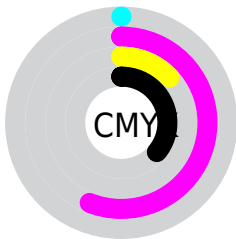
Distribution



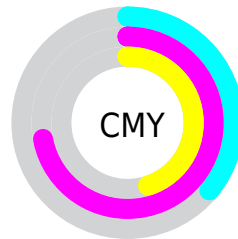
- Red (64%)
- Green (28%)
- Blue (55%)



- Red (64%)
- Yellow (28%)
- Blue (55%)



- Cyan (0%)
- Magenta (56%)
- Yellow (13%)
- Black (36%)





- Cyan (36%)
- Magenta (72%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.0750, 16.7250, 49.0462 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 107.0750, 16.7250, 49.0462 by changing the saturation by 10% instead.


 107.0750, 16.7250,
49.0462


 107.0750, 16.7250,
49.0462


255.0000, 0.0000,
0.0000


 80.4770, 17.0198,
47.8167


 161.3850, 16.5722,
51.4054


 51.7700, 19.3404,
50.1907

 189.0970, 16.7142,
52.5349

 32.1560, 17.1781,
43.7132

 209.9320, 20.2465,
39.5246

 22.1730, 11.2537,
30.5433

 226.8240, 13.8908,
24.7104

 12.3040, 5.7661,
17.2734

 243.8470, 5.4984,
9.7812

 0.0000, 0.0000,
0.0000

107.0750, 16.7250,
49.0462

107.0750, 16.7250,
49.0462

97.2270, 19.6081,
57.6829

116.9230, 13.8420,
40.4095

86.7920, 22.7805,
66.8344

127.3580, 10.6695,
31.2580

76.9440, 25.6636,
75.4711

137.2060, 7.7864,
22.6213

67.0960, 28.5467,
84.1078

147.0540, 4.9034,
13.9846

62.8730, 30.1356,
87.8114


157.4890, 1.7309,
4.8331

167.3370, -1.1521,
-3.8035

177.1850, -4.0352,
-12.4402

187.0330, -6.9183,

-21.0769

 197.3540,
-10.5275, -30.1285

Harmonies

Analogous

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



108.6490, 32.7110, 8.2008



107.0750, 16.7250, 49.0462



102.9730, -1.9587, 68.4297

Triad

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



107.0750, 16.7250, 49.0462



98.7320, -47.1959, 17.7750



90.9310, 31.0930, -79.7465

Complementary

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



107.0750, 16.7250, 49.0462



127.9250, -16.7250, -49.0462

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.



86.8440, 12.8949, -76.1622



107.0750, 16.7250, 49.0462



94.5240, -31.8103, -17.1225

Square

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



107.0750, 16.7250, 49.0462



101.9000, -38.4047, 44.8147



80.1810, -5.0192, -70.3187



90.7150, 45.4965, -79.5571

Rectangle

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



107.0750, 16.7250, 49.0462



101.8300, -15.1992, 68.5551



80.1810, -5.0192, -70.3187



89.5630, 25.8514, -78.5468

Sweetspot

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



107.0750, 16.7250, 49.0462



189.8420, 6.4869, 19.4326



88.6530, 36.6531, 3.8123



94.1030, 3.8932, 11.3107



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



107.0750, 16.7250, 49.0462



124.6560, 25.8056, 76.6007



101.9450, -2.9309, 53.5452



76.4890, 1.7309, 4.8331



55.8950, 26.6738, 78.1451



6.9780, 3.4618, 9.6663

Inverse Universe

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



107.0750, 16.7250, 49.0462



124.6560, 25.8056, 76.6007



133.0550, 2.9309, -53.5452



76.4890, 1.7309, 4.8331



55.8950, 26.6738, 78.1451



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 107.0750, 16.7250, 49.0462 looks on a white background.

Color Contrast Check

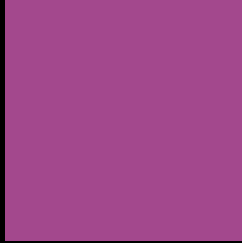
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.0750, 16.7250, 49.0462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

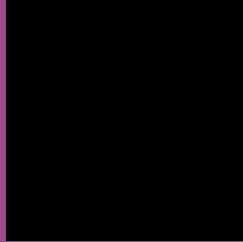
Any Text WCAG AA × Fail

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 107.0750, 16.7250, 49.0462 Background



This preview shows how black text looks on a background with the YUV color 107.0750, 16.7250, 49.0462.



This preview shows how white text looks on a background with the YUV color 107.0750, 16.7250,

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

107.0750, 16.7250, 49.0462

Protanopia

104.9030, 30.6138, -19.2089

Deuteranopia

106.7510, 14.4198, -5.0436



Tritanopia

106.8100, -8.2873, 44.8936

Trichromacy



Original Color

107.0750, 16.7250, 49.0462

Protanomaly

105.5040, 25.8805, 5.6970

Deuteranomaly

106.8120, 15.3757, 15.0739

Tritanomaly

107.2260, 0.8746, 46.2828

Monochromacy



Original Color

107.0750, 16.7250, 49.0462

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7170, 6.0555, 17.7882

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0750, 16.7250, 49.0462 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(163, 72, 141)` looks like.

```
.text, #text, p{  
    color:rgb(163, 72, 141)  
}
```

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(163, 72, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 72, 141) }
```

Border

The CSS property to change the border of an element to YUV 107.0750, 16.7250, 49.0462 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(163, 72, 141) }
```


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

```
.border{ border-color:rgb(163, 72, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 72, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 72, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 72, 141);  
box-shadow:4px 4px 4px 4px rgb(163, 72,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 107.0750, 16.7250, 49.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 72, 141) }
```

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

```
.background{ background-color: rgb(163, 72,  
141) }
```

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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