

Converting Colors

YUV(107.4320, 42.1850,
49.6101)

Have a look what the booklet for
YUV(107.4320, 42.1850, 49.6101)
contains.

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Color

**YUV(107.4320, 42.1850,
49.6101)**

Conversions

Conversions Part 1

Format	Color
Hex	A43EC1
RGB	164, 62, 193
RGB Percent	64%, 24%, 76%
CMY	0.3569, 0.7569, 0.2431
CMYK	0.15, 0.68, 0.00, 0.24
HSL	287°, 51%, 50%
HSV	287°, 68%, 76%
XYZ	26.6581, 15.1880, 51.9786
YIQ	107.4320, 18.7410, 62.3650

Conversions

Conversions Part 2

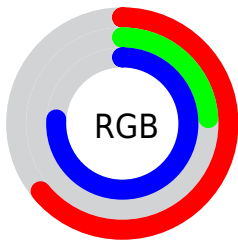
Format	Color
RYB	164, 62, 193
Decimal	10763969
CIELab	45.89, 60.52, -49.60
CIELCh	46, 78.250, 320.663
Yxy	15.1880, 0.2841, 0.1619
Android (android.graphics.Color)	4288954049 (0xFFA43EC1)
YUV	107.4320, 42.1850, 49.6101
Hunter-Lab	38.9718, 53.8997, -51.7977

Details

The YUV color **107.4320, 42.1850, 49.6101** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **147.5680, -42.1850, -49.6101**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5570, 42.6164, 51.2545**, and **48.1380, 44.7950, 52.4990** is the 20% darker color. If you saturate the color by 10%, you get **95.0830, 48.2731, 56.9322**, and if you desaturate by 10%, it is **119.7810, 36.0970, 42.2881**.

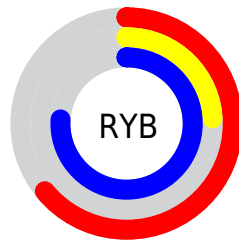
Distribution



Red (64%)

Green (24%)

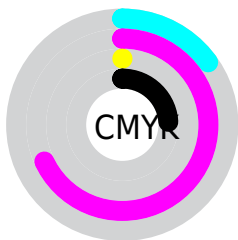
Blue (76%)



Red (64%)

Yellow (24%)

Blue (76%)

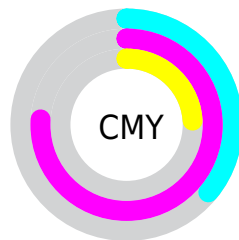


Cyan (15%)

Magenta (68%)

Yellow (0%)

Black (24%)



Cyan (36%)

Magenta (76%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.4320, 42.1850, 49.6101 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 107.4320, 42.1850, 49.6101 by changing the saturation by 10% instead.

107.4320, 42.1850,
49.6101

107.4320, 42.1850,
49.6101

255.0000, 0.0000,
0.0000

77.6710, 43.0532,
51.1545

163.5570, 42.6164,
51.2545

48.1380, 44.7950,
52.4990

189.5330, 32.2752,
54.7836

37.1010, 37.4182,
38.4994

206.8660, 23.7301,
42.2135

26.0640, 30.0414,
24.4999

223.3020, 15.6271,
27.7991

15.2550, 23.5383,
10.3004

240.3250, 7.2348,
12.8700

6.3210, 16.6037,
-5.5435

2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 107.4320, 42.1850,
49.6101

■ 107.4320, 42.1850,
49.6101

■ 95.0830, 48.2731,
56.9322

■ 119.7810, 36.0970,
42.2881

■ 81.8480, 54.7979,
64.1543

■ 133.0160, 29.5721,
35.0660

■ 69.4990, 60.8860,
71.4764

■ 145.3650, 23.4841,
27.7439

■ 66.8520, 62.1910,
72.9208

■ 157.7140, 17.3960,
20.4218

■ 170.6500, 11.0185,
12.5849

■ 183.2980, 4.7831,
5.8777

■ 195.6470, -1.3050,
-1.4444

■ 207.9960, -7.3930,
-8.7665

■ 220.9320,
-13.7705, -16.6034

Harmonies

Analogous

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



85.8490, 72.5454, -75.2896



107.4320, 42.1850, 49.6101



78.1370, 26.5545, 116.5209

Triad

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



107.4320, 42.1850, 49.6101



102.9630, -50.7608, 41.2514



97.2740, 27.4729, -85.3093

Complementary

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



107.4320, 42.1850, 49.6101



147.5680, -42.1850, -49.6101

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.



88.3480, -1.6506, -77.4812



107.4320, 42.1850, 49.6101



96.7630, -47.7042, -5.9312

Square

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



107.4320, 42.1850, 49.6101



96.1610, -47.4074, 85.8048



75.7230, -37.3314, -66.4091



102.0110, 53.2386, -89.4636

Rectangle

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



107.4320, 42.1850, 49.6101



75.9260, 6.4455, 126.3529



75.7230, -37.3314, -66.4091



94.7660, 17.8634, -83.1098

Sweetspot

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



107.4320, 42.1850, 49.6101



217.3610, 16.0910, 18.9774



95.1310, 48.2494, -29.0559



105.2970, 9.7136, 11.1405



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



107.4320, 42.1850, 49.6101



117.3840, 65.3797, 76.8392



112.1130, 22.6223, 70.9379



90.5320, 3.1887, 3.9184



55.7290, 51.8986, 60.7507



11.5360, 10.5818, 12.6849

Inverse Universe

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



104.4750, -6.6432, 77.6364



112.8270, -10.2677, 120.3007



142.8870, -22.6223, -70.9379



90.2180, -0.6005, 5.9478



52.2430, -8.0078, 95.3799



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 107.4320, 42.1850, 49.6101 looks on a white background.

Color Contrast Check

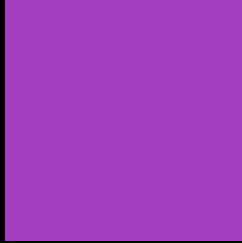
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4320, 42.1850, 49.6101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

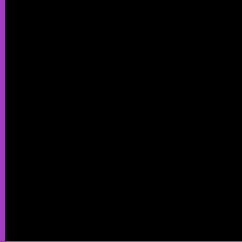
Any Text WCAG AA × Fail

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 107.4320, 42.1850, 49.6101 Background



This preview shows how black text looks on a background with the YUV color 107.4320, 42.1850, 49.6101.



This preview shows how white text looks on a background with the YUV color 107.4320, 42.1850,

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

107.4320, 42.1850, 49.6101

Protanopia

87.1710, 67.4567, -76.4490

Deuteranopia

102.2900, 40.2830, -40.5963



Tritanopia

110.4390, -5.6394, 35.5720

Trichromacy



Original Color

107.4320, 42.1850, 49.6101



Protanomaly

94.4650, 58.4378, -30.2258



Deuteranomaly

104.3140, 40.7642, -8.1684



Tritanomaly

109.3530, 11.6580, 40.9094

Monochromacy



Original Color

107.4320, 42.1850, 49.6101



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

107.4210, 15.0754, 18.0478

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4320, 42.1850, 49.6101 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(164, 62, 193)` looks like.

```
.text, #text, p{  
    color:rgb(164, 62, 193)  
}
```

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(164, 62, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 62, 193) }
```

Border

The CSS property to change the border of an element to YUV 107.4320, 42.1850, 49.6101 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(164, 62, 193) }
```


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

```
.border{ border-color:rgb(164, 62, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 62, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 62, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 62, 193);  
box-shadow:4px 4px 4px 4px rgb(164, 62,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 107.4320, 42.1850, 49.6101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 62, 193) }
```

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

```
.background{ background-color: rgb(164, 62,  
193) }
```

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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