

Converting Colors

YUV(99.7460, 45.9742, 47.5808)

Have a look what the booklet for
YUV(99.7460, 45.9742, 47.5808)
contains.

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Color

**YUV(99.7460, 45.9742,
47.5808)**

Conversions

Conversions Part 1

Format	Color
Hex	9A36C1
RGB	154, 54, 193
RGB Percent	60%, 21%, 76%
CMY	0.3961, 0.7882, 0.2431
CMYK	0.20, 0.72, 0.00, 0.24
HSL	283°, 56%, 48%
HSV	283°, 72%, 76%
XYZ	24.2712, 13.3586, 51.7513
YIQ	99.7460, 14.9810, 64.4290

Conversions

Conversions Part 2

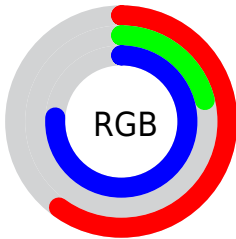
Format	Color
R_{YB}	154, 54, 193
Decimal	10106561
CIE _{Lab}	43.30, 61.62, -53.84
CIE _{LCh}	43, 81.827, 318.853
Yxy	13.3586, 0.2715, 0.1495
Android (android.graphics.Color)	4288296641 (0xFF9A36C1)
YUV	99.7460, 45.9742, 47.5808
Hunter-Lab	36.5494, 54.5742, -58.3657

Details

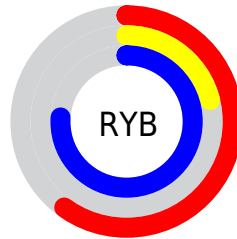
The YUV color **99.7460, 45.9742, 47.5808** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **147.2540, -45.9742, -47.5808**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4580, 46.1162, 48.7103**, and **45.0340, 45.8322, 46.4512** is the 20% darker color. If you saturate the color by 10%, you get **87.0980, 52.2097, 54.2881**, and if you desaturate by 10%, it is **112.3940, 39.7388, 40.8735**.

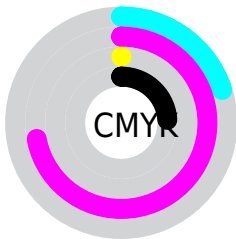
Distribution



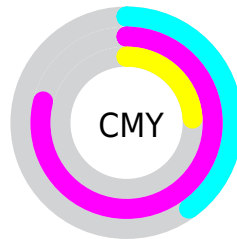
- Red (60%)
- Green (21%)
- Blue (76%)



- Red (60%)
- Yellow (21%)
- Blue (76%)



- Cyan (20%)
- Magenta (72%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (79%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7460, 45.9742, 47.5808 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 99.7460, 45.9742, 47.5808 by changing the saturation by 10% instead.

99.7460, 45.9742,
47.5808

99.7460, 45.9742,
47.5808

255.0000, 0.0000,
0.0000

68.8110, 47.4212,
50.1548

156.4580, 46.1162,
48.7103

45.0340, 45.8322,
46.4512

181.5480, 36.2118,
52.1394

33.6980, 38.6029,
31.8369

202.1700, 26.0452,
46.3319

22.7750, 31.6629,
17.7373

218.6060, 17.9422,
31.9175

9.8730, 26.1916,
-0.7656

235.6290, 9.5499,
16.9884

6.3210, 16.6037,
-5.5435

253.2390, 0.8682,

2.5250, 7.1362,

1.5444

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 99.7460, 45.9742,
47.5808

■ 99.7460, 45.9742,
47.5808

■ 87.0980, 52.2097,
54.2881

■ 112.3940, 39.7388,
40.8735

■ 73.5640, 58.8819,
60.8954

■ 125.9280, 33.0665,
34.2661

■ 63.5630, 63.8124,
66.1582

■ 138.5760, 26.8310,
27.5588

■ 151.5230, 20.4482,
21.4663

■ 164.7580, 13.9233,
14.2442

■ 177.4060, 7.6878,
7.5369

■ 190.3530, 1.3050,
1.4444

■ 203.0010, -4.9305,
-5.2629

■ 216.5350,
-11.6028, -11.8702

Harmonies

Analogous

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



82.9140, 73.9924, -72.7156



99.7460, 45.9742, 47.5808



76.5280, 26.8547, 113.5469

Triad

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



99.7460, 45.9742, 47.5808



96.4840, -47.5666, 43.4255



92.2530, 26.0043, -80.9059

Complementary

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



99.7460, 45.9742, 47.5808



147.2540, -45.9742, -47.5808

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.



83.5720, -4.7190, -73.2926



99.7460, 45.9742, 47.5808



91.1590, -44.9414, -5.4014

Square

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



99.7460, 45.9742, 47.5808



87.0460, -42.9137, 91.1677



72.2010, -35.5951, -63.3203



98.5060, 52.5015, -86.3898

Rectangle

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



99.7460, 45.9742, 47.5808



74.3880, 5.7247, 124.1937



72.2010, -35.5951, -63.3203



89.5170, 15.5211, -78.5064

Sweetspot

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



99.7460, 45.9742, 47.5808



212.9310, 18.2750, 18.4775



92.7390, 49.4287, -33.9741



102.9380, 10.8766, 11.4554



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.



99.7460, 45.9742, 47.5808



105.8550, 71.0635, 73.7952



107.9870, 27.1214, 74.5564



90.2330, 3.3361, 3.3037



53.0380, 53.2253, 55.2177



10.9380, 10.8766, 11.4554

Inverse Universe

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



100.0070, -3.4545, 81.5549



106.1250, -5.4846, 126.1784



139.0130, -27.1214, -74.5564



90.3320, -0.1637, 5.8478



53.2690, -4.0766, 94.4801



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 99.7460, 45.9742, 47.5808 looks on a white background.

Color Contrast Check

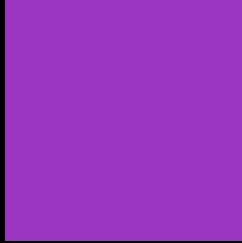
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.7460, 45.9742, 47.5808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

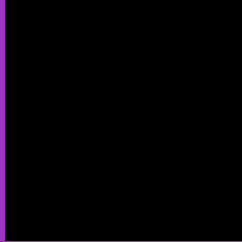
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.7460, 45.9742, 47.5808

Background



This preview shows how black text looks on a background with the YUV color 99.7460, 45.9742, 47.5808.



This preview shows how white text looks on a background with the YUV color 99.7460, 45.9742,

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

99.7460, 45.9742, 47.5808

Protanopia

82.0530, 63.0779, -71.9605

Deuteranopia

89.1890, 46.7418, -58.9248



Tritanopia

104.0470, -4.4602, 30.6538

Trichromacy



Original Color

99.7460, 45.9742, 47.5808



Protanomaly

88.7210, 56.8325, -28.6963



Deuteranomaly

92.7300, 46.4751, -19.9342



Tritanomaly

102.6020, 14.0002, 36.3060

Monochromacy



Original Color

99.7460, 45.9742, 47.5808



Achromatopsia

100.0000, 0.0000, 0.0000



Achromatomaly

99.8770, 16.8226, 17.6479

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7460, 45.9742, 47.5808 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(154, 54, 193)` looks like.

```
.text, #text, p{  
    color:rgb(154, 54, 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(154, 54, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 54, 193) }
```

Border

The CSS property to change the border of an element to YUV 99.7460, 45.9742, 47.5808 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(154, 54, 193) }
```


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

```
.border{ border-color:rgb(154, 54, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 54, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 54, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 54, 193);  
box-shadow:4px 4px 4px 4px rgb(154, 54,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 99.7460, 45.9742, 47.5808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 54, 193) }
```

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

```
.background{ background-color: rgb(154, 54,  
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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