

# Converting Colors

YUV(100.5920, 12.5261,  
42.4538)

Have a look what the booklet for  
YUV(100.5920, 12.5261, 42.4538)  
contains.

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# Color

**YUV(100.5920, 12.5261,  
42.4538)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95477E
RGB	149, 71, 126
RGB Percent	58%, 28%, 49%
CMY	0.4157, 0.7216, 0.5059
CMYK	0.00, 0.52, 0.15, 0.42
HSL	318°, 35%, 43%
HSV	318°, 52%, 58%
XYZ	18.4136, 12.4024, 21.1621
YIQ	100.5920, 28.8330, 33.6410

# Conversions

## Conversions Part 2

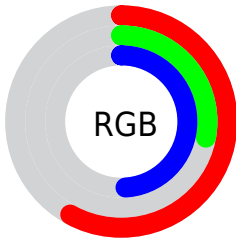
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 71, 126
Decimal	9783166
CIELab	41.85, 39.97, -16.11
CIELCh	42, 43.092, 338.045
Yxy	12.4024, 0.3543, 0.2386
Android (android.graphics.Color)	4287973246 (0xFF95477E)
YUV	100.5920, 12.5261, 42.4538
Hunter-Lab	35.2170, 31.7006, -10.9757

# Details

The YUV color **100.5920, 12.5261, 42.4538** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **119.4080, -12.5261, -42.4538**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3150, 12.6627, 45.3277**, and **48.6350, 13.9839, 41.5391** is the 20% darker color. If you saturate the color by 10%, you get **91.3310, 15.1198, 50.5757**, and if you desaturate by 10%, it is **109.8530, 9.9325, 34.3319**.

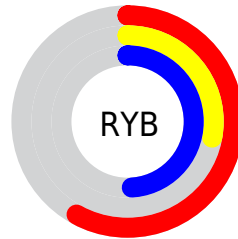
# Distribution



Red (58%)

Green (28%)

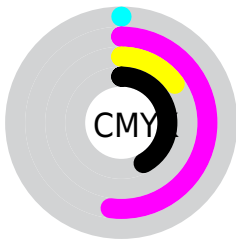
Blue (49%)



Red (58%)

Yellow (28%)

Blue (49%)

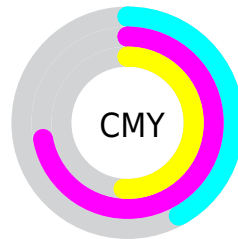


Cyan (0%)

Magenta (52%)

Yellow (15%)

Black (42%)



Cyan (42%)

Magenta (72%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 100.5920, 12.5261, 42.4538 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 100.5920, 12.5261, 42.4538 by changing the saturation by 10% instead.



100.5920, 12.5261,  
42.4538

100.5920, 12.5261,  
42.4538

255.0000, 0.0000,  
0.0000

74.9940, 12.8210,  
41.2243

153.3150, 12.6627,  
45.3277

48.6350, 13.9839,  
41.5391

180.9130, 12.3679,  
46.5573

27.0860, 13.2686,  
37.6356

206.3470, 14.1259,  
42.6687

18.1140, 7.3388,  
26.2100

225.0630, 14.7589,  
26.2547

3.5600, 0.7099,  
5.6479

242.0860, 6.3666,  
11.3256

0.0000, 0.0000,  
0.0000

■ 100.5920, 12.5261,  
42.4538

■ 100.5920, 12.5261,  
42.4538

■ 91.3310, 15.1198,  
50.5757

■ 109.8530, 9.9325,  
34.3319

■ 81.9560, 17.2767,  
58.7976

■ 119.2280, 7.7756,  
26.1100

■ 72.6950, 19.8704,  
66.9195

■ 128.4890, 5.1819,  
17.9881

■ 63.3200, 22.0272,  
75.1414

■ 137.8640, 3.0250,  
9.7663

■ 56.5210, 23.9001,  
81.1041

■ 147.1250, 0.4314,  
1.6444

■ 155.7990, -1.8729,  
-5.9627

■ 165.1740, -4.0298,  
-14.1846

■ 174.4350, -6.6235,

-22.3065

■ 183.8100, -8.7803,  
-30.5284

# Harmonies

## Analogous

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



101.3520, 26.4485, 10.2153



100.5920, 12.5261, 42.4538



97.8530, -3.3785, 57.1339

# Triad

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



100.5920, 12.5261, 42.4538



93.6850, -35.8337, 13.4313



83.6930, 28.7454, -73.3988

# Complementary

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



100.5920, 12.5261, 42.4538



119.4080, -12.5261, -42.4538

# 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.



80.4040, 13.6048, -70.5143



100.5920, 12.5261, 42.4538



89.6580, -24.9744, -16.3631

# Square

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



100.5920, 12.5261, 42.4538



95.8650, -31.9784, 36.9524



75.0120, -1.9779, -65.7855



83.2660, 39.8019, -73.0243



# Rectangle

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



100.5920, 12.5261, 42.4538



97.2800, -14.4350, 56.7594



75.0120, -1.9779, -65.7855



82.4390, 23.9406, -72.2990

# Sweetspot

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



100.5920, 12.5261, 42.4538



174.7770, 5.0399, 16.8586



86.4700, 30.8273, 5.7268



85.1630, 2.8776, 10.3810



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



100.5920, 12.5261, 42.4538



118.2820, 19.5810, 66.4047



96.2600, -4.0722, 46.2530



69.6630, 1.1521, 3.8035



52.3200, 22.0272, 75.1414



3.7880, 1.5835, 5.4479



# Inverse Universe

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



100.5920, 12.5261, 42.4538



118.2820, 19.5810, 66.4047



123.7400, 4.0722, -46.2530



69.6630, 1.1521, 3.8035



52.3200, 22.0272, 75.1414

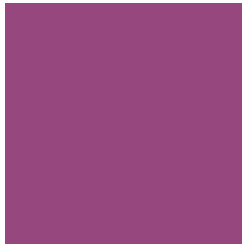


3.7880, 1.5835, 5.4479



# Previews

## White Background



This preview shows how the YUV color 100.5920, 12.5261, 42.4538 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

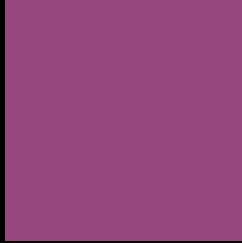
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 100.5920, 12.5261, 42.4538 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

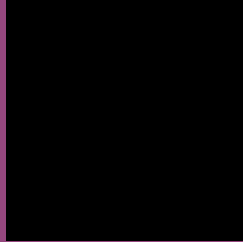
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 100.5920, 12.5261, 42.4538

## Background



This preview shows how black text looks on a background with the YUV color 100.5920, 12.5261, 42.4538.



This preview shows how white text looks on a background with the YUV color 100.5920, 12.5261,



# 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

100.5920, 12.5261, 42.4538

### Protanopia

98.9870, 23.1774, -14.0206

### Deuteranopia

100.1490, 10.7725, -1.8847



## Tritanopia

100.1190, -6.9607, 39.3606

# Trichromacy



## Original Color

100.5920, 12.5261, 42.4538

## Protanomaly

99.4950, 19.4760, 6.5819

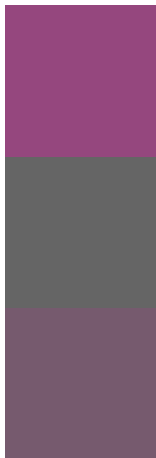
## Deuteranomaly

100.6610, 11.0131, 14.3293

## Tritanomaly

100.3670, 0.3121, 40.0201

# Monochromacy



## Original Color

100.5920, 12.5261, 42.4538

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

100.6520, 4.6086, 15.2142

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.5920, 12.5261, 42.4538 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(149, 71, 126)` looks like.

```
.text, #text, p{  
    color:rgb(149, 71, 126)  
}
```

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(149, 71, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 71, 126) }
```

## Border

The CSS property to change the border of an element to YUV 100.5920, 12.5261, 42.4538 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(149, 71, 126) }
```



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

```
.border{ border-color:rgb(149, 71, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 71, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 71, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 71, 126);  
box-shadow:4px 4px 4px 4px rgb(149, 71,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 100.5920, 12.5261, 42.4538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 71, 126) }
```

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

```
.background{ background-color: rgb(149, 71,  
126) }
```

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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