

Converting Colors

YUV(97.9500, 29.6047, 24.5999)

Have a look what the booklet for
YUV(97.9500, 29.6047, 24.5999)
contains.

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Color

**YUV(97.9500, 29.6047,
24.5999)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7E489E |
| RGB | 126, 72, 158 |
| RGB Percent | 49%, 28%, 62% |
| CMY | 0.5059, 0.7176, 0.3804 |
| CMYK | 0.20, 0.54, 0.00, 0.38 |
| HSL | 278°, 37%, 45% |
| HSV | 278°, 54%, 62% |
| XYZ | 17.0931, 11.5390, 33.6741 |
| YIQ | 97.9500, 4.5780, 38.1940 |

Conversions

Conversions Part 2

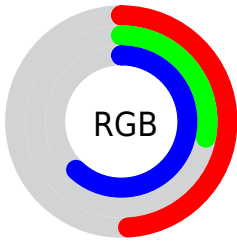
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 126, 72, 158 |
| Decimal | 8276126 |
| CIE _{Lab} | 40.47, 38.80, -37.88 |
| CIE _{LCh} | 40, 54.230, 315.689 |
| Yxy | 11.5390, 0.2743, 0.1852 |
| Android (android.graphics.Color) | 4286466206 (0xFF7E489E) |
| YUV | 97.9500, 29.6047, 24.5999 |
| Hunter-Lab | 33.9691, 30.3747, -34.9968 |

Details

The YUV color $97.9500, 29.6047, 24.5999$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $132.0500, -29.6047, -24.5999$, and the grayscale version is $98.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $150.6020, 30.7622, 26.6590$, and $47.7110, 28.7365, 23.0555$ is the 20% darker color. If you saturate the color by 10%, you get $86.7640, 35.1193, 29.1480$, and if you desaturate by 10%, it is $109.1360, 24.0900, 20.0517$.

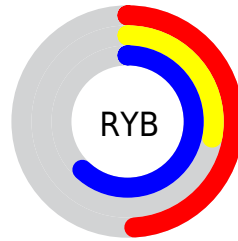
Distribution



Red (49%)

Green (28%)

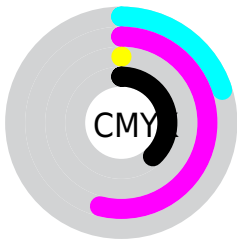
Blue (62%)



Red (49%)

Yellow (28%)

Blue (62%)

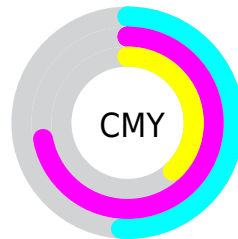


Cyan (20%)

Magenta (54%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (72%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9500, 29.6047, 24.5999 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 97.9500, 29.6047, 24.5999 by changing the saturation by 10% instead.

97.9500, 29.6047,
24.5999

97.9500, 29.6047,
24.5999

255.0000, 0.0000,
0.0000

73.1240, 29.0259,
23.5703

150.6020, 30.7622,
26.6590

47.7110, 28.7365,
23.0555

177.5420, 31.7778,
27.5887

23.8850, 28.1577,
22.0259

203.5440, 25.3678,
30.2179

15.2830, 21.0595,
12.0298

225.0630, 14.7589,
26.2547

5.1640, 14.7091,
-4.5288

241.4990, 6.6560,
11.8404

1.1400, 4.3680,
-0.9998

0.0000, 0.0000,

0.0000

■ 97.9500, 29.6047,
24.5999

■ 97.9500, 29.6047,
24.5999

■ 86.7640, 35.1193,
29.1480

■ 109.1360, 24.0900,
20.0517

■ 75.5780, 40.6340,
33.6961

■ 120.3220, 18.5753,
15.5036

■ 64.9790, 45.8594,
37.7294

■ 130.9210, 13.3499,
11.4703

■ 53.7930, 51.3741,
42.2775

■ 142.1070, 7.8352,
6.9222

■ 47.6130, 54.4208,
45.0664

■ 152.9940, 2.4680,
1.7593

■ 164.1800, -3.0467,
-2.7889

■ 175.3660, -8.5614,
-7.3370

■ 185.9650,
-13.7867, -11.3703

■ 197.1510,
-19.3014, -15.9184

Harmonies

Analogous

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



86.7010, 46.9824, -42.7108



97.9500, 29.6047, 24.5999



92.5390, 13.0453, 62.6713

Triad

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



97.9500, 29.6047, 24.5999



90.2490, -44.4928, 37.4926



80.9570, 18.2622, -70.9993

Complementary

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



97.9500, 29.6047, 24.5999



132.0500, -29.6047, -24.5999

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.



75.1260, -1.5411, -65.8855



97.9500, 29.6047, 24.5999



86.8060, -42.7954, 6.3091

Square

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



97.9500, 29.6047, 24.5999



89.9420, -28.5654, 62.3179



78.8960, -26.0777, -35.8658



84.9300, 36.0235, -74.4836

Rectangle

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



97.9500, 29.6047, 24.5999



88.8750, 0.0616, 73.7776



78.8960, -26.0777, -35.8658



79.2470, 11.7102, -69.4996

Sweetspot

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



97.9500, 29.6047, 24.5999



183.7420, 11.4662, 8.9963



101.1750, 28.0147, -25.5865



90.8680, 6.9671, 5.3778



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



97.9500, 29.6047, 24.5999



112.8050, 46.4381, 38.7590



106.3780, 20.5196, 45.2725



73.4070, 2.7573, 2.2741



43.2120, 49.1955, 41.0331



4.7000, 5.0779, 4.6481

Inverse Universe

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



101.3620, 1.3005, 49.6715



118.0650, 1.9400, 77.9960



123.6220, -20.5196, -45.2725



73.7340, 0.1311, 4.6183



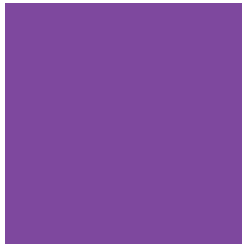
48.7990, 2.0711, 82.6143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 97.9500, 29.6047, 24.5999 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 97.9500, 29.6047, 24.5999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

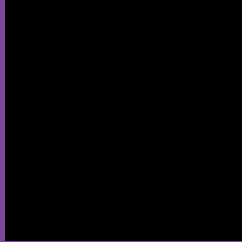
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.9500, 29.6047, 24.5999

Background



This preview shows how black text looks on a background with the YUV color 97.9500, 29.6047, 24.5999.



This preview shows how white text looks on a background with the YUV color 97.9500, 29.6047,

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

97.9500, 29.6047, 24.5999

Protanopia

90.1320, 43.3189, -34.3188

Deuteranopia

92.6310, 29.7619, -25.9864



Tritanopia

97.1700, -1.0698, 16.5139

Trichromacy



Original Color

97.9500, 29.6047, 24.5999

Protanomaly

92.7110, 38.5965, -12.9015

Deuteranomaly

94.4530, 29.8497, -7.4133

Tritanomaly

97.4660, 10.1233, 19.7623

Monochromacy



Original Color

97.9500, 29.6047, 24.5999

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.2150, 10.7400, 8.5814

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9500, 29.6047, 24.5999 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(126, 72, 158)` looks like.

```
.text, #text, p{  
    color:rgb(126, 72, 158)  
}
```

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(126, 72, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 72, 158) }
```

Border

The CSS property to change the border of an element to YUV 97.9500, 29.6047, 24.5999 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(126, 72, 158) }
```


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

```
.border{ border-color:rgb(126, 72, 158) }
```

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

Here you see how a box with a 4 pixel rgb(126, 72, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 72, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 72, 158);  
box-shadow:4px 4px 4px 4px rgb(126, 72,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 97.9500, 29.6047, 24.5999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 72, 158) }
```

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

```
.background{ background-color: rgb(126, 72,  
158) }
```

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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