

Converting Colors

YUV(125.6040, 24.3522,
29.2883)

Have a look what the booklet for
YUV(125.6040, 24.3522, 29.2883)
contains.

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Color

**YUV(125.6040, 24.3522,
29.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	9F63AF
RGB	159, 99, 175
RGB Percent	62%, 39%, 69%
CMY	0.3765, 0.6118, 0.3137
CMYK	0.09, 0.43, 0.00, 0.31
HSL	287°, 32%, 54%
HSV	287°, 43%, 69%
XYZ	26.4978, 19.3898, 42.9035
YIQ	125.6040, 11.3640, 36.3560

Conversions

Conversions Part 2

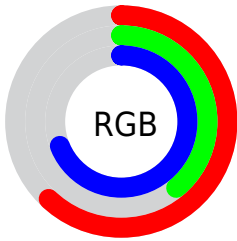
Format	Color
R_{YB}	159, 99, 175
Decimal	10445743
CIE _{Lab}	51.14, 37.24, -30.87
CIE _{LCh}	51, 48.366, 320.344
Yxy	19.3898, 0.2984, 0.2184
Android (android.graphics.Color)	4288635823 (0xFF9F63AF)
YUV	125.6040, 24.3522, 29.2883
Hunter-Lab	44.0338, 30.3550, -26.9444

Details

The YUV color **125.6040, 24.3522, 29.2883** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **148.3960, -24.3522, -29.2883**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2560, 25.5098, 31.3475**, and **74.9520, 23.1947, 27.2291** is the 20% darker color. If you saturate the color by 10%, you get **114.4290, 29.8615, 35.5808**, and if you desaturate by 10%, it is **137.3660, 18.5536, 22.4810**.

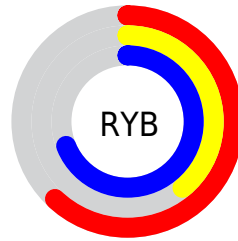
Distribution



Red (62%)

Green (39%)

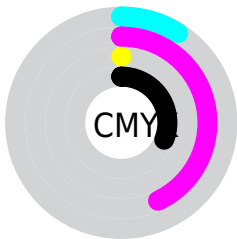
Blue (69%)



Red (62%)

Yellow (39%)

Blue (69%)

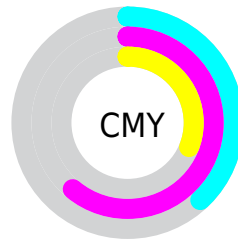


Cyan (9%)

Magenta (43%)

Yellow (0%)

Black (31%)



Cyan (38%)

Magenta (61%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.6040, 24.3522, 29.2883 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 125.6040, 24.3522, 29.2883 by changing the saturation by 10% instead.

125.6040, 24.3522,
29.2883

125.6040, 24.3522,
29.2883

255.0000, 0.0000,
0.0000

99.7780, 23.7734,
28.2587

179.2560, 25.5098,
31.3475

74.9520, 23.1947,
27.2291

206.5120, 23.9046,
32.8770

49.6530, 23.3421,
26.6143

226.2370, 14.1802,
25.2252

25.0660, 23.6315,
27.1291

243.2600, 5.7878,
10.2960

16.1650, 16.6807,
16.5183

3.7790, 11.9410,
-3.3142

0.0000, 0.0000,

0.0000

■ 125.6040, 24.3522,
29.2883

■ 125.6040, 24.3522,
29.2883

■ 114.4290, 29.8615,
35.5808

■ 137.3660, 18.5536,
22.4810

■ 102.9660, 35.5128,
43.0028

■ 148.2420, 13.1917,
15.5738

■ 91.7910, 41.0220,
49.2953

■ 160.0040, 7.3930,
8.7665

■ 80.0290, 46.8207,
56.1026

■ 171.1790, 1.8838,
2.4740

■ 69.1530, 52.1826,
63.0098

■ 182.6420, -3.7675,
-4.9480

■ 61.2120, 56.0975,
67.3431

■ 193.8170, -9.2768,
-11.2405

■ 204.9920,
-14.7861, -17.5330

■ 216.4550,
-20.4373, -24.9550

■ 227.0430,
-25.6572, -30.7327

Harmonies

Analogous

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



120.3790, 38.7602, -18.7494



125.6040, 24.3522, 29.2883



122.9100, 6.9464, 58.8379

Triad

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



125.6040, 24.3522, 29.2883



117.8400, -40.8401, 32.5893



100.3400, 23.9894, -87.9982

Complementary

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



125.6040, 24.3522, 29.2883



148.3960, -24.3522, -29.2883

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.



94.9650, 5.9333, -83.2843



125.6040, 24.3522, 29.2883



114.4510, -37.6903, 2.2355

Square

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



125.6040, 24.3522, 29.2883



119.8550, -30.0015, 56.2552



107.9760, -20.6942, -35.9360



102.6830, 40.5823, -90.0530

Rectangle

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



125.6040, 24.3522, 29.2883



120.6370, -5.7370, 66.9704



107.9760, -20.6942, -35.9360



98.7440, 17.8742, -86.5985

Sweetspot

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



125.6040, 24.3522, 29.2883



207.5960, 9.5662, 11.7553



117.0560, 28.5664, -15.8351



102.6510, 6.0881, 7.3221



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



125.6040, 24.3522, 29.2883



150.2590, 37.8333, 45.3769



127.8800, 12.3842, 41.3242



81.1190, 2.8993, 3.4036



52.6810, 47.9783, 58.1618



8.0040, 7.3930, 8.7665

Inverse Universe

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



123.5480, -4.2142, 45.1234



147.1320, -6.4741, 70.0442



146.1200, -12.3842, -41.3242



80.9190, -0.4531, 5.3330



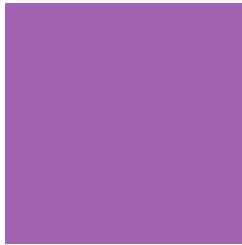
48.4980, -8.1335, 89.0173



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 125.6040, 24.3522, 29.2883 looks on a white background.

Color Contrast Check

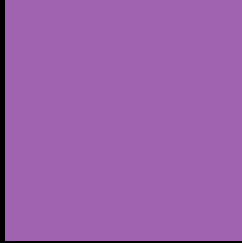
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 125.6040, 24.3522, 29.2883 looks on a black 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

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

YUV 125.6040, 24.3522, 29.2883

Background



This preview shows how black text looks on a background with the YUV color 125.6040, 24.3522, 29.2883.



This preview shows how white text looks on a background with the YUV color 125.6040, 24.3522, 29.2883.

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

125.6040, 24.3522, 29.2883

Protanopia

120.7330, 35.1346, -22.5678

Deuteranopia

121.9160, 24.1984, -14.8353



Tritanopia

123.9860, -1.9651, 23.6913

Trichromacy



Original Color

125.6040, 24.3522, 29.2883

Protanomaly

122.2300, 31.4386, -3.7097

Deuteranomaly

123.3140, 24.0022, 1.4786

Tritanomaly

124.8150, 7.4862, 25.5952

Monochromacy



Original Color

125.6040, 24.3522, 29.2883

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7700, 8.9874, 10.7257

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.6040, 24.3522, 29.2883 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(159, 99, 175)` looks like.

```
.text, #text, p{  
    color:rgb(159, 99, 175)  
}
```

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(159, 99, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 99, 175) }
```

Border

The CSS property to change the border of an element to YUV 125.6040, 24.3522, 29.2883 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(159, 99, 175) }
```


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

```
.border{ border-color:rgb(159, 99, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 99, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 99, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 99, 175); box-shadow:4px 4px 4px 4px rgb(159, 99, 175) }
```

Background

The CSS property to change the background color of an element to YUV 125.6040, 24.3522, 29.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 99, 175) }
```

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

```
.background{ background-color: rgb(159, 99,  
175) }
```

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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