

Converting Colors

YUV(116.4250, 25.9195,
39.9693)

Have a look what the booklet for
YUV(116.4250, 25.9195, 39.9693)
contains.

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Color

**YUV(116.4250, 25.9195,
39.9693)**

Conversions

Conversions Part 1

Format	Color
Hex	A253A9
RGB	162, 83, 169
RGB Percent	64%, 33%, 66%
CMY	0.3647, 0.6745, 0.3373
CMYK	0.04, 0.51, 0.00, 0.34
HSL	295°, 34%, 49%
HSV	295°, 51%, 66%
XYZ	25.1550, 16.7325, 39.4400
YIQ	116.4250, 19.4780, 43.4940

Conversions

Conversions Part 2

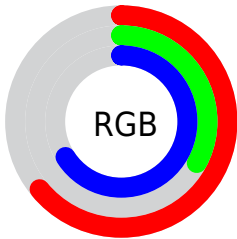
Format	Color
R _Y B	162, 83, 169
Decimal	10638249
CIE Lab	47.92, 45.50, -32.36
CIE LCh	48, 55.831, 324.578
Yxy	16.7325, 0.3093, 0.2057
Android (android.graphics.Color)	4288828329 (0xFFA253A9)
YUV	116.4250, 25.9195, 39.9693
Hunter-Lab	40.9053, 38.1853, -28.5323

Details

The YUV color **116.4250, 25.9195, 39.9693** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **135.5750, -25.9195, -39.9693**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3760, 26.9296, 42.6432**, and **63.7130, 25.7775, 38.8397** is the 20% darker color. If you saturate the color by 10%, you get **106.1470, 30.9865, 48.1061**, and if you desaturate by 10%, it is **126.7030, 20.8524, 31.8325**.

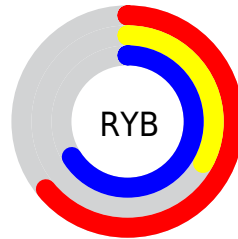
Distribution



Red (64%)

Green (33%)

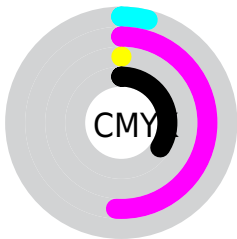
Blue (66%)



Red (64%)

Yellow (33%)

Blue (66%)

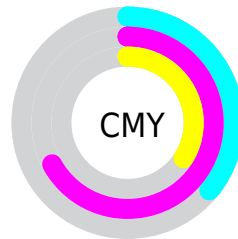


Cyan (4%)

Magenta (51%)

Yellow (0%)

Black (34%)



Cyan (36%)

Magenta (67%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4250, 25.9195, 39.9693 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 116.4250, 25.9195, 39.9693 by changing the saturation by 10% instead.

■ 116.4250, 25.9195,
39.9693

■ 116.4250, 25.9195,
39.9693

■ 255.0000, 0.0000,
0.0000

■ 90.0120, 25.6301,
39.4545

■ 170.3760, 26.9296,
42.6432

■ 63.7130, 25.7775,
38.8397

■ 198.6750, 26.7822,
43.2580

■ 34.8920, 27.6612,
41.3137

■ 216.8450, 18.8104,
33.4619

■ 24.6810, 20.8633,
28.3438

■ 233.8680, 10.4181,
18.5328

■ 15.5950, 14.4967,
17.0182

■ 250.8910, 2.0257,
3.6036

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 116.4250, 25.9195,
39.9693

■ 116.4250, 25.9195,
39.9693

■ 106.1470, 30.9865,
48.1061

■ 126.7030, 20.8524,
31.8325

■ 95.5700, 36.2010,
55.6281

■ 137.2800, 15.6380,
24.3104

■ 85.2920, 41.2680,
63.7649

■ 147.5580, 10.5709,
16.1736

■ 74.7150, 46.4825,
71.2869

■ 158.1350, 5.3564,
8.6516

■ 65.6110, 50.9708,
78.3942

■ 167.8260, 0.5788,
1.0296

■ 178.1040, -4.4883,
-7.1072

■ 188.6810, -9.7027,
-14.6292

■ 198.9590,
-14.7698, -22.7660

■ 209.2370,
-19.8368, -30.9028

Harmonies

Analogous

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



113.1390, 42.8225, -15.0309



116.4250, 25.9195, 39.9693



110.5850, 6.6136, 72.2780

Triad

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



116.4250, 25.9195, 39.9693



107.0390, -52.7702, 32.4148



96.5730, 27.3255, -84.6945

Complementary

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



116.4250, 25.9195, 39.9693



135.5750, -25.9195, -39.9693

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.



90.9870, 5.9224, -79.7956



116.4250, 25.9195, 39.9693



102.8280, -46.2572, -3.3572

Square

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



116.4250, 25.9195, 39.9693



109.4550, -36.7063, 60.1140



91.3540, -17.4295, -56.4385



99.1440, 44.7920, -86.9493

Rectangle

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



116.4250, 25.9195, 39.9693



108.5460, -7.6642, 78.4512



91.3540, -17.4295, -56.4385



95.3360, 20.0474, -83.6097

Sweetspot

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



116.4250, 25.9195, 39.9693



199.0310, 9.8447, 15.7588



96.9130, 35.5389, -12.2017



97.6620, 6.0826, 9.0664



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



116.4250, 25.9195, 39.9693



137.6400, 40.1105, 61.7057



114.4140, 9.1629, 47.8719



79.0050, 2.4625, 3.5036



57.5360, 44.5988, 68.8129



7.9610, 5.9352, 9.6812

Inverse Universe

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



109.5120, -9.6194, 52.1710



126.9070, -15.2372, 80.7656



137.5860, -9.1629, -47.8719



78.3920, -1.1793, 4.9182



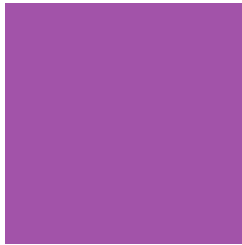
45.6200, -16.5747, 89.7873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 116.4250, 25.9195, 39.9693 looks on a white background.

Color Contrast Check

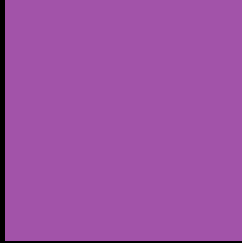
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.4250, 25.9195, 39.9693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

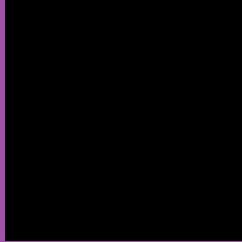
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.4250, 25.9195, 39.9693

Background



This preview shows how black text looks on a background with the YUV color 116.4250, 25.9195, 39.9693.



This preview shows how white text looks on a background with the YUV color 116.4250, 25.9195,

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

116.4250, 25.9195, 39.9693

Protanopia

111.4810, 40.6819, -28.4858

Deuteranopia

113.4320, 24.9300, -16.1649



Tritanopia

115.6560, -4.7604, 33.6277

Trichromacy



Original Color

116.4250, 25.9195, 39.9693

Protanomaly

112.9680, 35.5118, -3.4799

Deuteranomaly

114.3790, 25.4492, 4.0526

Tritanomaly

116.2400, 6.2907, 35.7465

Monochromacy



Original Color

116.4250, 25.9195, 39.9693

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.2050, 9.2659, 14.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4250, 25.9195, 39.9693 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(162, 83, 169)` looks like.

```
.text, #text, p{  
    color:rgb(162, 83, 169)  
}
```

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(162, 83, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 83, 169) }
```

Border

The CSS property to change the border of an element to YUV 116.4250, 25.9195, 39.9693 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(162, 83, 169) }
```


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

```
.border{ border-color:rgb(162, 83, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 83, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 83, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 83, 169); box-shadow:4px 4px 4px 4px rgb(162, 83, 169) }
```

Background

The CSS property to change the background color of an element to YUV 116.4250, 25.9195, 39.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 83, 169) }
```

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

```
.background{ background-color: rgb(162, 83,  
169) }
```

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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