

Converting Colors

YUV(92.4270, 59.9355, 49.6145)

Have a look what the booklet for
YUV(92.4270, 59.9355, 49.6145)
contains.

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Color

**YUV(92.4270, 59.9355,
49.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	9528D6
RGB	149, 40, 214
RGB Percent	58%, 16%, 84%
CMY	0.4157, 0.8431, 0.1608
CMYK	0.30, 0.81, 0.00, 0.16
HSL	278°, 69%, 50%
HSV	278°, 81%, 84%
XYZ	25.2908, 12.7622, 64.7487
YIQ	92.4270, 9.1100, 77.2220

Conversions

Conversions Part 2

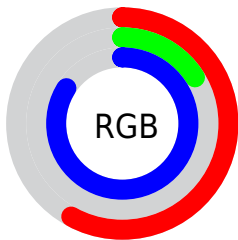
Format	Color
R_{YB}	149, 40, 214
Decimal	9775318
CIE _{Lab}	42.40, 69.86, -67.49
CIE _{LCh}	42, 97.137, 315.989
Yxy	12.7622, 0.2460, 0.1241
Android (android.graphics.Color)	4287965398 (0xFF9528D6)
YUV	92.4270, 59.9355, 49.6145
Hunter-Lab	35.7242, 63.8511, -82.4538

Details

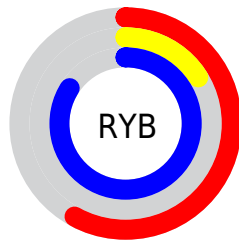
The YUV color **92.4270, 59.9355, 49.6145** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **161.5730, -59.9355, -49.6145**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9620, 51.7837, 50.8993**, and **44.9220, 55.7475, 39.5334** is the 20% darker color. If you saturate the color by 10%, you get **77.7080, 67.1920, 55.5071**, and if you desaturate by 10%, it is **107.1460, 52.6790, 43.7220**.

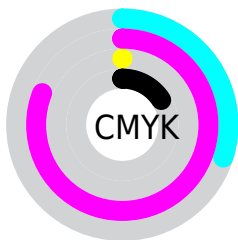
Distribution



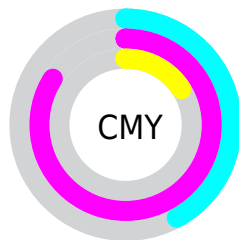
- Red (58%)
- Green (16%)
- Blue (84%)



- Red (58%)
- Yellow (16%)
- Blue (84%)



- Cyan (30%)
- Magenta (81%)
- Yellow (0%)
- Black (16%)



- Cyan (42%)
- Magenta (84%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.4270, 59.9355, 49.6145 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 92.4270, 59.9355, 49.6145 by changing the saturation by 10% instead.

92.4270, 59.9355,
49.6145

92.4270, 59.9355,
49.6145

255.0000, 0.0000,
0.0000

57.0840, 63.5556,
55.1773

149.9620, 51.7837,
50.8993

44.9220, 55.7475,
39.5334

175.3680, 39.2586,
54.9283

32.8740, 48.3761,
23.7895

196.8870, 28.6497,
50.9651

20.3420, 41.7364,
6.7161

213.9100, 20.2574,
36.0359

9.1200, 34.9438,
-7.9982

230.9330, 11.8650,
21.1068

9.3190, 23.0137,
-8.1728

247.9560, 3.4727,

4.9360, 13.8356,

6.1776

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 92.4270, 59.9355,
49.6145

■ 92.4270, 59.9355,
49.6145

■ 77.7080, 67.1920,
55.5071

■ 107.1460, 52.6790,
43.7220

■ 64.4620, 73.7222,
60.9848

■ 122.4520, 45.1332,
37.3146

■ 137.1710, 37.8767,
31.4220

■ 152.4770, 30.3308,
25.0147

■ 167.1960, 23.0744,
19.1221

■ 181.9150, 15.8179,
13.2295

■ 197.2210, 8.2720,
6.8222

■ 211.9400, 1.0156,
0.9296

■ 227.2460, -6.5303,
-5.4777

Harmonies

Analogous

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



86.5960, 83.0232, -75.9447



92.4270, 59.9355, 49.6145



80.9570, 29.6012, 119.3097

Triad

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



92.4270, 59.9355, 49.6145



94.4680, -46.5727, 51.3326



92.6120, 24.8413, -81.2207

Complementary

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



92.4270, 59.9355, 49.6145



161.5730, -59.9355, -49.6145

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.



81.1610, -11.4184, -71.1782



92.4270, 59.9355, 49.6145



89.0880, -43.9204, -6.2162

Square

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



92.4270, 59.9355, 49.6145



60.9960, -30.0710, 125.4145



71.6140, -35.3057, -62.8055



100.4610, 57.4537, -88.1043

Rectangle

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



92.4270, 59.9355, 49.6145



78.8020, 4.5346, 132.6006



71.6140, -35.3057, -62.8055



88.8330, 12.9003, -77.9065

Sweetspot

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



92.4270, 59.9355, 49.6145



212.3160, 21.0432, 17.2629



99.1650, 56.6137, -51.8877



102.0950, 12.7712, 10.4407



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



92.4270, 59.9355, 49.6145



80.4430, 86.0566, 71.5255



109.5820, 41.6181, 91.5746



99.3470, 3.7729, 3.2037



51.4870, 58.9199, 48.6849



12.9750, 14.8023, 12.2999

Inverse Universe

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



99.4360, 2.7431, 100.4726



90.3520, 3.7705, 144.3963



144.4180, -41.6181, -91.5746



99.7450, 0.1257, 6.3626



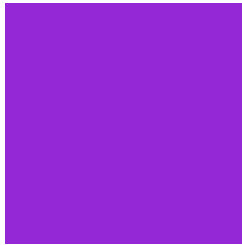
58.4250, 2.7485, 98.7283



14.6810, 0.6503, 24.8358

Previews

White Background



This preview shows how the YUV color 92.4270, 59.9355, 49.6145 looks on a white background.

Color Contrast Check

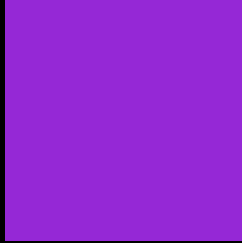
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.4270, 59.9355, 49.6145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

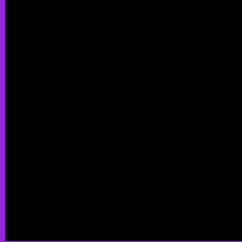
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.4270, 59.9355, 49.6145

Background



This preview shows how black text looks on a background with the YUV color 92.4270, 59.9355, 49.6145.



This preview shows how white text looks on a background with the YUV color 92.4270, 59.9355,

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

92.4270, 59.9355, 49.6145

Protanopia

80.3090, 61.4727, -70.4310

Deuteranopia

80.7530, 47.9428, -70.8204



Tritanopia

102.1600, -2.5439, 22.6617

Trichromacy



Original Color

92.4270, 59.9355, 49.6145



Protanomaly

84.4700, 60.9003, -26.7222



Deuteranomaly

84.8800, 52.3172, -27.0818



Tritanomaly

98.8880, 20.2682, 32.5472

Monochromacy



Original Color

92.4270, 59.9355, 49.6145



Achromatopsia

92.0000, 0.0000, 0.0000



Achromatomaly

92.1420, 21.6220, 18.2925

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.4270, 59.9355, 49.6145 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, 40, 214)` looks like.

```
.text, #text, p{  
    color:rgb(149, 40, 214)  
}
```

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, 40, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 40, 214) }
```

Border

The CSS property to change the border of an element to YUV 92.4270, 59.9355, 49.6145 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, 40, 214) }
```


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

```
.border{ border-color:rgb(149, 40, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 40, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 40, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 40, 214);  
box-shadow:4px 4px 4px 4px rgb(149, 40,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 92.4270, 59.9355, 49.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 40, 214) }
```

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

```
.background{ background-color: rgb(149, 40,  
214) }
```

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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