

Converting Colors

YUV(93.7470, 27.7327, 65.1199)

Have a look what the booklet for
YUV(93.7470, 27.7327, 65.1199)
contains.

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Color

**YUV(93.7470, 27.7327,
65.1199)**

Conversions

Conversions Part 1

Format	Color
Hex	A82D96
RGB	168, 45, 150
RGB Percent	66%, 18%, 59%
CMY	0.3412, 0.8235, 0.4118
CMYK	0.00, 0.73, 0.11, 0.34
HSL	309°, 58%, 42%
HSV	309°, 73%, 66%
XYZ	22.5919, 12.4036, 30.0576
YIQ	93.7470, 39.6030, 58.7310

Conversions

Conversions Part 2

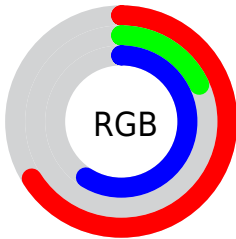
Format	Color
R_{YB}	168, 45, 150
Decimal	11021718
CIE _{Lab}	41.85, 60.37, -30.48
CIE _{LCh}	42, 67.628, 333.209
Yxy	12.4036, 0.3473, 0.1907
Android (android.graphics.Color)	4289211798 (0xFFA82D96)
YUV	93.7470, 27.7327, 65.1199
Hunter-Lab	35.2188, 52.8700, -25.9481

Details

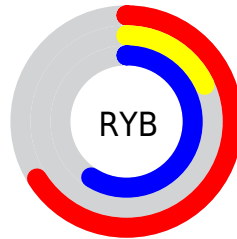
The YUV color **93.7470, 27.7327, 65.1199** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **119.2530, -27.7327, -65.1199**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4050, 26.4223, 65.4198**, and **44.7740, 26.7334, 58.9572** is the 20% darker color. If you saturate the color by 10%, you get **83.5400, 31.7788, 74.0714**, and if you desaturate by 10%, it is **103.9540, 23.6867, 56.1683**.

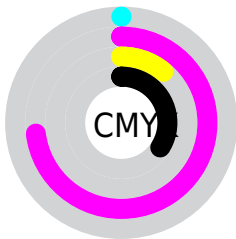
Distribution



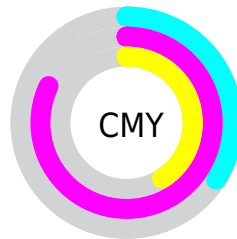
- Red (66%)
- Green (18%)
- Blue (59%)



- Red (66%)
- Yellow (18%)
- Blue (59%)



- Cyan (0%)
- Magenta (73%)
- Yellow (11%)
- Black (34%)



- Cyan (34%)
- Magenta (82%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7470, 27.7327, 65.1199 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 93.7470, 27.7327, 65.1199 by changing the saturation by 10% instead.

93.7470, 27.7327,
65.1199

93.7470, 27.7327,
65.1199

255.0000, 0.0000,
0.0000

56.5830, 33.2366,
73.1567

151.4050, 26.4223,
65.4198

44.7740, 26.7334,
58.9572

179.7040, 26.2749,
66.0346

33.8510, 19.7935,
44.8577

198.6480, 27.7815,
49.4207

23.8680, 13.8691,
31.6878

215.0840, 19.6786,
35.0063

12.8740, 7.9501,
16.7735

232.1070, 11.2862,
20.0772

0.0000, 0.0000,
0.0000

249.1300, 2.8939,

5.1480

■ 93.7470, 27.7327,
65.1199

■ 93.7470, 27.7327,
65.1199

■ 83.5400, 31.7788,
74.0714

■ 103.9540, 23.6867,
56.1683

■ 73.2190, 35.3880,
83.1229

■ 114.2750, 20.0774,
47.1168

■ 66.5340, 37.6977,
88.9857

■ 123.8950, 16.3208,
38.6801

■ 134.2160, 12.7115,
29.6286

■ 144.4230, 8.6655,
20.6770

■ 154.7440, 5.0562,
11.6255

■ 164.9510, 1.0102,
2.6740

■ 174.6850, -2.3097,
-5.8627

■ 184.8920, -6.3558,
-14.8143

Harmonies

Analogous

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



99.1610, 46.2626, 1.6128



93.7470, 27.7327, 65.1199



74.9940, 9.8630, 103.4913

Triad

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



93.7470, 27.7327, 65.1199



92.4980, -45.6015, 19.7343



89.7400, 34.1452, -78.7020

Complementary

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



93.7470, 27.7327, 65.1199



119.2530, -27.7327, -65.1199

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.



83.3560, 9.6845, -73.1032



93.7470, 27.7327, 65.1199



82.4880, -40.6666, -23.2300

Square

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



93.7470, 27.7327, 65.1199



92.1530, -45.4314, 58.6248



74.8690, -15.2184, -65.6601



91.3650, 53.0641, -80.1271

Rectangle

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



93.7470, 27.7327, 65.1199



81.1570, -10.9234, 97.2093



74.8690, -15.2184, -65.6601



87.6880, 26.2828, -76.9024

Sweetspot

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



93.7470, 27.7327, 65.1199



190.0260, 10.8332, 25.4102



63.8060, 51.3676, -2.4609



92.4070, 6.2083, 15.4291



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.



93.7470, 27.7327, 65.1199



102.5170, 43.6221, 102.1556



86.9070, 1.5248, 71.1186



79.1900, 1.8783, 4.2184



58.6160, 33.2203, 78.3898



7.9180, 4.4774, 10.5959

Inverse Universe

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



93.7470, 27.7327, 65.1199



102.5170, 43.6221, 102.1556



126.0930, -1.5248, -71.1186



79.1900, 1.8783, 4.2184



58.6160, 33.2203, 78.3898



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 93.7470, 27.7327, 65.1199 looks on a white background.

Color Contrast Check

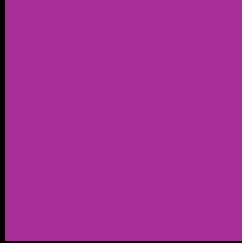
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.7470, 27.7327, 65.1199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

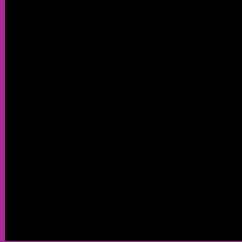
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7470, 27.7327, 65.1199

Background



This preview shows how black text looks on a background with the YUV color 93.7470, 27.7327, 65.1199.



This preview shows how white text looks on a background with the YUV color 93.7470, 27.7327,

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

93.7470, 27.7327, 65.1199

Protanopia

90.5420, 51.4978, -44.3253

Deuteranopia

99.4170, 20.9934, -13.5207



Tritanopia

97.7790, -11.2300, 55.4448

Trichromacy



Original Color

93.7470, 27.7327, 65.1199



Protanomaly

91.6180, 43.0793, -4.0500



Deuteranomaly

97.2880, 23.5220, 15.5334



Tritanomaly

96.4710, 2.7258, 59.2229

Monochromacy



Original Color

93.7470, 27.7327, 65.1199



Achromatopsia

94.0000, 0.0000, 0.0000



Achromatomaly

93.7870, 9.9650, 23.8658

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7470, 27.7327, 65.1199 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(168, 45, 150)` looks like.

```
.text, #text, p{  
    color:rgb(168, 45, 150)  
}
```

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(168, 45, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 45, 150) }
```

Border

The CSS property to change the border of an element to YUV 93.7470, 27.7327, 65.1199 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(168, 45, 150) }
```


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

```
.border{ border-color:rgb(168, 45, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 45, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 45, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 45, 150);  
box-shadow:4px 4px 4px 4px rgb(168, 45,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 93.7470, 27.7327, 65.1199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 45, 150) }
```

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

```
.background{ background-color: rgb(168, 45,  
150) }
```

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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