

Converting Colors

YUV(105.2140, 42.7855,
43.6623)

Have a look what the booklet for
YUV(105.2140, 42.7855, 43.6623)
contains.

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Color

**YUV(105.2140, 42.7855,
43.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	9B3FC0
RGB	155, 63, 192
RGB Percent	61%, 25%, 75%
CMY	0.3922, 0.7529, 0.2471
CMYK	0.19, 0.67, 0.00, 0.25
HSL	283°, 51%, 50%
HSV	283°, 67%, 75%
XYZ	24.8095, 14.3293, 51.3274
YIQ	105.2140, 13.4230, 59.6230

Conversions

Conversions Part 2

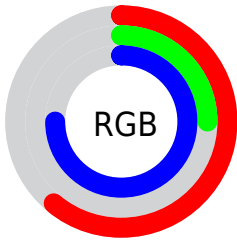
Format	Color
R _Y B	155, 63, 192
Decimal	10174400
CIE Lab	44.70, 57.90, -51.00
CIE LCh	45, 77.155, 318.627
Yxy	14.3293, 0.2742, 0.1584
Android (android.graphics.Color)	4288364480 (0xFF9B3FC0)
YUV	105.2140, 42.7855, 43.6623
Hunter-Lab	37.8541, 50.7438, -53.8950

Details

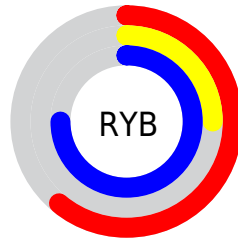
The YUV color **105.2140, 42.7855, 43.6623** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **149.7860, -42.7855, -43.6623**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7520, 43.5063, 45.8215**, and **45.3330, 45.6848, 47.0660** is the 20% darker color. If you saturate the color by 10%, you get **92.2670, 49.1684, 49.7548**, and if you desaturate by 10%, it is **118.1610, 36.4026, 37.5698**.

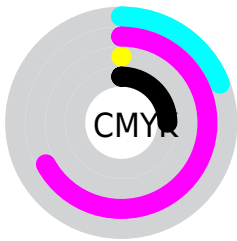
Distribution



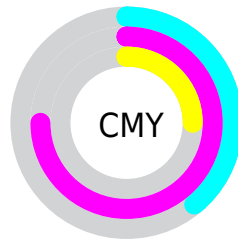
- Red (61%)
- Green (25%)
- Blue (75%)



- Red (61%)
- Yellow (25%)
- Blue (75%)



- Cyan (19%)
- Magenta (67%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (75%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.2140, 42.7855, 43.6623 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 105.2140, 42.7855, 43.6623 by changing the saturation by 10% instead.

105.2140, 42.7855,
43.6623

105.2140, 42.7855,
43.6623

255.0000, 0.0000,
0.0000

76.6270, 43.0749,
44.1771

160.7520, 43.5063,
45.8215

45.3330, 45.6848,
47.0660

185.9560, 34.0387,
49.1506

34.2960, 38.3081,
33.0664

206.2790, 24.0195,
42.7283

23.2590, 30.9313,
19.0669

223.3020, 15.6271,
27.7991

11.8520, 24.7230,
3.6378

240.3250, 7.2348,
12.8700

6.2070, 16.1669,
-5.4435

2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 105.2140, 42.7855,
43.6623

■ 105.2140, 42.7855,
43.6623

■ 92.2670, 49.1684,
49.7548

■ 118.1610, 36.4026,
37.5698

■ 79.6190, 55.4038,
56.4621

■ 130.8090, 30.1672,
30.8625

■ 66.0850, 62.0761,
63.0695

■ 144.3430, 23.4949,
24.2552

■ 62.8510, 63.6705,
65.0287

■ 156.9910, 17.2594,
17.5479

■ 169.9380, 10.8766,
11.4554

■ 182.5860, 4.6411,
4.7481

■ 195.5330, -1.7418,
-1.3444

■ 208.7680, -8.2666,
-8.5665

■ 221.7150,
-14.6495, -14.6591

Harmonies

Analogous

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



84.9200, 71.5244, -74.4748



105.2140, 42.7855, 43.6623



76.4570, 27.8757, 112.7322

Triad

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



105.2140, 42.7855, 43.6623



99.7290, -49.1664, 43.2107



94.0140, 25.1361, -82.4503

Complementary

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



105.2140, 42.7855, 43.6623



149.7860, -42.7855, -43.6623

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.



85.7890, -3.8400, -75.2370



105.2140, 42.7855, 43.6623



95.0130, -46.8414, -2.6424

Square

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



105.2140, 42.7855, 43.6623



92.0410, -45.3762, 87.6640



73.9620, -36.4633, -64.8647



99.3380, 50.6124, -87.1194

Rectangle

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



105.2140, 42.7855, 43.6623



74.2460, 7.7667, 122.5643



73.9620, -36.4633, -64.8647



91.5060, 15.5265, -80.2508

Sweetspot

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



105.2140, 42.7855, 43.6623



216.4640, 16.5332, 17.1331



100.5990, 45.0607, -32.9743



104.6990, 10.0084, 9.9110



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



105.2140, 42.7855, 43.6623



113.4970, 67.2960, 68.8471



113.3130, 25.9747, 69.0085



90.2330, 3.3361, 3.3037



52.7390, 53.3727, 54.6029



10.9380, 10.8766, 11.4554

Inverse Universe

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



105.7890, -2.8540, 75.6070



114.4230, -4.1525, 118.9010



141.6870, -25.9747, -69.0085



90.3320, -0.1637, 5.8478



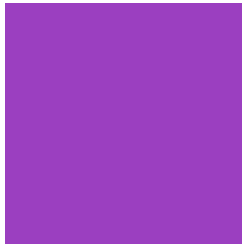
53.3830, -3.6398, 94.3801



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 105.2140, 42.7855, 43.6623 looks on a white background.

Color Contrast Check

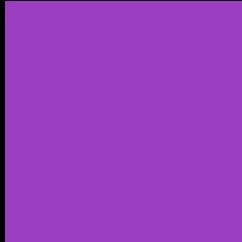
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.2140, 42.7855, 43.6623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

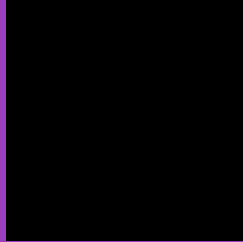
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.2140, 42.7855, 43.6623

Background



This preview shows how black text looks on a background with the YUV color 105.2140, 42.7855, 43.6623.



This preview shows how white text looks on a background with the YUV color 105.2140, 42.7855,

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

105.2140, 42.7855, 43.6623

Protanopia

84.6120, 65.2673, -74.2047

Deuteranopia

97.2400, 42.7727, -45.8145



Tritanopia

107.4490, -4.1654, 29.4242

Trichromacy



Original Color

105.2140, 42.7855, 43.6623

Protanomaly

92.1120, 57.1328, -31.6702

Deuteranomaly

100.1500, 42.8171, -13.2865

Tritanomaly

106.3630, 13.1320, 34.7616

Monochromacy



Original Color

105.2140, 42.7855, 43.6623

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.2250, 15.6651, 15.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.2140, 42.7855, 43.6623 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(155, 63, 192)` looks like.

```
.text, #text, p{  
    color:rgb(155, 63, 192)  
}
```

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(155, 63, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 63, 192) }
```

Border

The CSS property to change the border of an element to YUV 105.2140, 42.7855, 43.6623 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(155, 63, 192) }
```


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

```
.border{ border-color:rgb(155, 63, 192) }
```

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

Here you see how a box with a 4 pixel rgb(155, 63, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 63, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 63, 192);  
box-shadow:4px 4px 4px 4px rgb(155, 63,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 105.2140, 42.7855, 43.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 63, 192) }
```

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

```
.background{ background-color: rgb(155, 63,  
192) }
```

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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