

Converting Colors

YUV(103.3340, 60.9673,
45.3111)

Have a look what the booklet for
YUV(103.3340, 60.9673, 45.3111)
contains.

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Color

**YUV(103.3340, 60.9673,
45.3111)**

Conversions

Conversions Part 1

Format	Color
Hex	9B35E3
RGB	155, 53, 227
RGB Percent	61%, 21%, 89%
CMY	0.3922, 0.7922, 0.1098
CMYK	0.32, 0.77, 0.00, 0.11
HSL	275°, 76%, 55%
HSV	275°, 77%, 89%
XYZ	28.6558, 15.0608, 74.0697
YIQ	103.3340, 4.9380, 75.7380

Conversions

Conversions Part 2

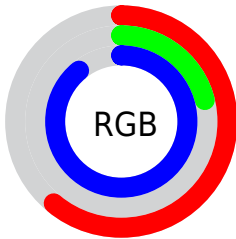
Format	Color
R_{YB}	155, 53, 227
Decimal	10171875
CIE _{Lab}	45.72, 69.25, -69.49
CIE _{LCh}	46, 98.100, 314.901
Yxy	15.0608, 0.2433, 0.1279
Android (android.graphics.Color)	4288361955 (0xFF9B35E3)
YUV	103.3340, 60.9673, 45.3111
Hunter-Lab	38.8083, 63.8889, -85.9955

Details

The YUV color **103.3340, 60.9673, 45.3111** 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 **176.6660, -60.9673, -45.3111**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6260, 48.0054, 49.4400**, and **48.0840, 60.1046, 42.0223** is the 20% darker color. If you saturate the color by 10%, you get **87.1420, 68.9500, 51.6185**, and if you desaturate by 10%, it is **119.5260, 52.9847, 39.0037**.

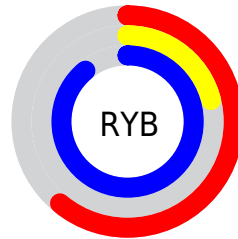
Distribution



Red (61%)

Green (21%)

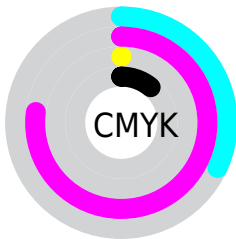
Blue (89%)



Red (61%)

Yellow (21%)

Blue (89%)

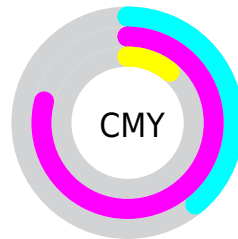


Cyan (32%)

Magenta (77%)

Yellow (0%)

Black (11%)



Cyan (39%)


Magenta (79%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.3340, 60.9673, 45.3111 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 103.3340, 60.9673, 45.3111 by changing the saturation by 10% instead.


 103.3340, 60.9673,
45.3111


 103.3340, 60.9673,
45.3111


255.0000, 0.0000,
0.0000


 69.6380, 63.2825,
49.4295


 157.6260, 48.0054,
49.4400


 48.0840, 60.1046,
42.0223


 183.3310, 35.3328,
54.0837

 36.0360, 52.7333,
26.2784


 202.7570, 25.7558,
45.8171

 22.6070, 46.5357,
7.3607

 219.7800, 17.3635,
30.8879

 10.3740, 39.7486,
-9.0980

 236.8030, 8.9711,
15.9588

 8.1110, 28.5393,
-7.1133

254.4130, 0.2894,

 6.6630, 17.9141,

0.5148

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 103.3340, 60.9673,
45.3111

■ 103.3340, 60.9673,
45.3111

■ 87.1420, 68.9500,
51.6185

■ 119.5260, 52.9847,
39.0037

■ 71.2380, 76.7907,
56.7963

■ 135.4300, 45.1440,
33.8259

■ 65.6450, 79.5480,
59.0703

■ 151.6220, 37.1614,
27.5185

■ 168.1130, 29.0313,
21.8259

■ 184.3050, 21.0486,
15.5185

■ 199.9100, 13.3554,
9.7259

■ 216.4010, 5.2253,
4.0333

■ 232.5930, -2.7573,
-2.2741

■ 247.3230,
-10.0192, -6.4223

Harmonies

Analogous

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



91.8790, 80.4187, -80.5779



103.3340, 60.9673, 45.3111



85.3150, 33.3687, 124.2577

Triad

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



103.3340, 60.9673, 45.3111



101.8770, -50.2254, 56.2359



98.5790, 24.8576, -86.4538

Complementary

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



103.3340, 60.9673, 45.3111



176.6660, -60.9673, -45.3111

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.



87.4870, -12.5651, -76.7261



103.3340, 60.9673, 45.3111



97.3720, -48.0044, -2.9572

Square

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



103.3340, 60.9673, 45.3111



73.1010, -36.0388, 126.1994



76.8970, -37.9102, -67.4387



107.2430, 58.0542, -94.0521

Rectangle

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



103.3340, 60.9673, 45.3111



83.6440, 7.5705, 138.8782



76.8970, -37.9102, -67.4387



94.6860, 12.4798, -83.0396

Sweetspot

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



103.3340, 60.9673, 45.3111



213.1910, 20.6118, 15.6185



115.6870, 54.8773, -54.9765



102.3830, 12.6292, 9.3111



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.



103.3340, 60.9673, 45.3111



88.0520, 82.3054, 61.3444



123.2660, 44.2389, 90.9747



106.4610, 4.2097, 3.1037



51.8010, 62.7091, 46.6555



14.7840, 17.8545, 13.3444

Inverse Universe

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



113.2340, 5.8006, 99.7728



101.3230, 7.7288, 134.7747



156.7340, -44.2389, -90.9747



107.1580, 0.4151, 6.8774



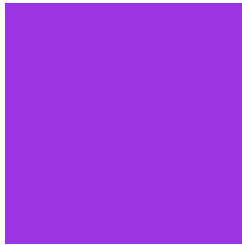
61.9570, 5.9372, 102.6467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 103.3340, 60.9673, 45.3111 looks on a white background.

Color Contrast Check

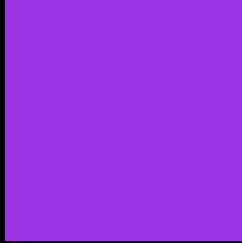
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.3340, 60.9673, 45.3111 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 103.3340, 60.9673, 45.3111

Background



This preview shows how black text looks on a background with the YUV color 103.3340, 60.9673, 45.3111.



This preview shows how white text looks on a background with the YUV color 103.3340, 60.9673,

45.3111.

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

103.3340, 60.9673, 45.3111

Protanopia

86.8290, 66.1463, -76.1490

Deuteranopia

87.0450, 51.7428, -76.3385



Tritanopia

110.0780, -1.5175, 20.1026

Trichromacy



Original Color

103.3340, 60.9673, 45.3111



Protanomaly

92.6480, 64.2635, -32.1403



Deuteranomaly

92.9440, 55.2436, -32.3999



Tritanomaly

107.5070, 21.4420, 29.3734

Monochromacy



Original Color

103.3340, 60.9673, 45.3111



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

103.2450, 22.0642, 16.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3340, 60.9673, 45.3111 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, 53, 227)` looks like.

```
.text, #text, p{  
    color:rgb(155, 53, 227)  
}
```

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, 53, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 53, 227) }
```

Border

The CSS property to change the border of an element to YUV 103.3340, 60.9673, 45.3111 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, 53, 227) }
```


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

```
.border{ border-color:rgb(155, 53, 227) }
```

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

Here you see how a box with a 4 pixel rgb(155, 53, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 53, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 53, 227);  
box-shadow:4px 4px 4px 4px rgb(155, 53,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 103.3340, 60.9673, 45.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 53, 227) }
```

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

```
.background{ background-color: rgb(155, 53,  
227) }
```

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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