

Converting Colors

YUV(124.5530, 15.0104,
38.9800)

Have a look what the booklet for
YUV(124.5530, 15.0104, 38.9800)
contains.

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Color

**YUV(124.5530, 15.0104,
38.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	A9609B
RGB	169, 96, 155
RGB Percent	66%, 38%, 61%
CMY	0.3373, 0.6235, 0.3922
CMYK	0.00, 0.43, 0.08, 0.34
HSL	312°, 30%, 52%
HSV	312°, 43%, 66%
XYZ	26.4615, 19.1673, 33.3153
YIQ	124.5530, 24.5690, 33.8250

Conversions

Conversions Part 2

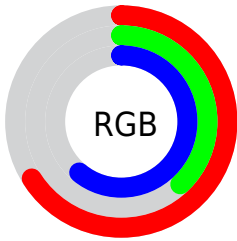
Format	Color
R_{YB}	169, 96, 155
Decimal	11100315
CIE _{Lab}	50.88, 38.20, -19.45
CIE _{LCh}	51, 42.867, 333.009
Yxy	19.1673, 0.3352, 0.2428
Android (android.graphics.Color)	4289290395 (0xFFA9609B)
YUV	124.5530, 15.0104, 38.9800
Hunter-Lab	43.7805, 31.2717, -14.4712

Details

The YUV color **124.5530, 15.0104, 38.9800** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.4470, -15.0104, -38.9800**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3900, 15.5837, 41.7540**, and **73.2430, 15.1632, 36.6209** is the 20% darker color. If you saturate the color by 10%, you get **114.2320, 18.6196, 48.0315**, and if you desaturate by 10%, it is **134.8740, 11.4011, 29.9285**.

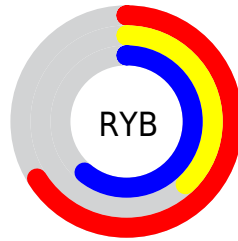
Distribution



Red (66%)

Green (38%)

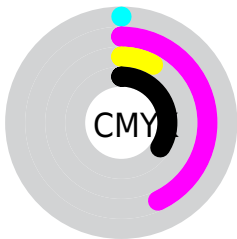
Blue (61%)



Red (66%)

Yellow (38%)

Blue (61%)

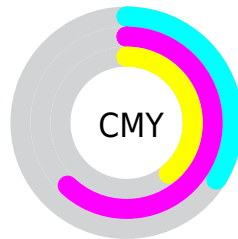


Cyan (0%)

Magenta (43%)

Yellow (8%)

Black (34%)



Cyan (34%)

Magenta (62%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.5530, 15.0104, 38.9800 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 124.5530, 15.0104, 38.9800 by changing the saturation by 10% instead.

■ 124.5530, 15.0104,
38.9800

■ 124.5530, 15.0104,
38.9800

255.0000, 0.0000,
0.0000

■ 98.8410, 14.8684,
37.8504

■ 178.3900, 15.5837,
41.7540

■ 73.2430, 15.1632,
36.6209

■ 206.6890, 15.4363,
42.3687

■ 47.3570, 15.6000,
36.5209

■ 224.4760, 15.0483,
26.7695

■ 25.5200, 15.0266,
33.7470

■ 241.4990, 6.6560,
11.8404

■ 16.8470, 8.9494,
22.9362

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 124.5530, 15.0104,
38.9800

■ 124.5530, 15.0104,
38.9800

■ 114.2320, 18.6196,
48.0315

■ 134.8740, 11.4011,
29.9285

■ 103.9110, 22.2289,
57.0831

■ 145.1950, 7.7919,
20.8770

■ 93.4760, 25.4013,
66.2345

■ 155.6300, 4.6194,
11.7255

■ 83.1550, 29.0106,
75.2861

■ 165.9510, 1.0102,
2.6740

■ 73.4210, 32.3304,
83.8228

■ 175.6850, -2.3097,
-5.8627

■ 66.1490, 34.9295,
90.2003

■ 186.0060, -5.9190,
-14.9143

■ 196.4410, -9.0914,
-24.0658

■ 206.7620,
-12.7007, -33.1173

■ 217.0830,
-16.3099, -42.1688

Harmonies

Analogous

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



123.7040, 29.2329, 3.7676



124.5530, 15.0104, 38.9800



122.0210, -1.4894, 57.8636

Triad

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



124.5530, 15.0104, 38.9800



116.7180, -35.8500, 18.6643



99.8330, 29.6623, -87.5535

Complementary

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



124.5530, 15.0104, 38.9800



140.4470, -15.0104, -38.9800

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.



95.7290, 13.9376, -83.9543



124.5530, 15.0104, 38.9800



113.5940, -27.9008, -11.0449

Square

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



124.5530, 15.0104, 38.9800



119.4250, -31.2685, 42.6003



104.9880, -8.8681, -49.1015



99.8620, 42.4660, -87.5790

Rectangle

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



124.5530, 15.0104, 38.9800



120.7580, -12.6987, 59.8482



104.9880, -8.8681, -49.1015



98.5790, 24.8576, -86.4538

Sweetspot

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



124.5530, 15.0104, 38.9800



201.9940, 5.9190, 14.9143



108.2090, 29.9700, 0.6937



98.9780, 3.4618, 9.6663



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.



124.5530, 15.0104, 38.9800



149.5740, 23.3810, 60.8866



120.4490, -0.7144, 42.5792



79.1900, 1.8783, 4.2184



57.9320, 30.5995, 78.9896



7.8040, 4.0406, 10.6959

Inverse Universe

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



124.5530, 15.0104, 38.9800



149.5740, 23.3810, 60.8866



144.5510, 0.7144, -42.5792



79.1900, 1.8783, 4.2184



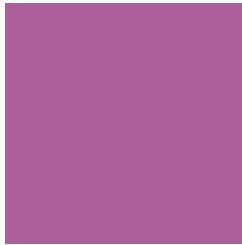
57.9320, 30.5995, 78.9896



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 124.5530, 15.0104, 38.9800 looks on a white background.

Color Contrast Check

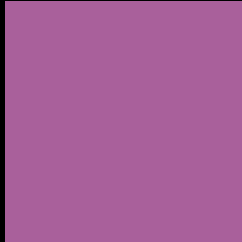
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 124.5530, 15.0104, 38.9800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

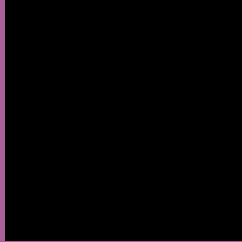
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.5530, 15.0104, 38.9800

Background



This preview shows how black text looks on a background with the YUV color 124.5530, 15.0104, 38.9800.



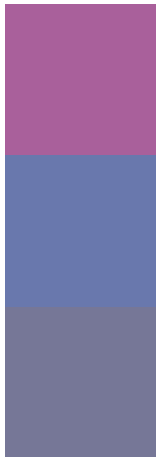
This preview shows how white text looks on a background with the YUV color 124.5530, 15.0104,

38.9800.

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

124.5530, 15.0104, 38.9800

Protanopia

121.5570, 25.3614, -14.5205

Deuteranopia

122.3490, 14.1249, -3.8141



Tritanopia

123.5530, -5.2026, 35.4720

Trichromacy



Original Color

124.5530, 15.0104, 38.9800

Protanomaly

122.3530, 21.5180, 4.9524

Deuteranomaly

123.4480, 14.0761, 11.8851

Tritanomaly

124.1000, 1.9227, 36.7463

Monochromacy



Original Color

124.5530, 15.0104, 38.9800

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.5810, 5.6296, 14.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.5530, 15.0104, 38.9800 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(169, 96, 155)` looks like.

```
.text, #text, p{  
    color:rgb(169, 96, 155)  
}
```

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(169, 96, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 96, 155) }
```

Border

The CSS property to change the border of an element to YUV 124.5530, 15.0104, 38.9800 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(169, 96, 155) }
```


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

```
.border{ border-color:rgb(169, 96, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 96, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 96, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 96, 155);  
box-shadow:4px 4px 4px 4px rgb(169, 96,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 124.5530, 15.0104, 38.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 96, 155) }
```

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

```
.background{ background-color: rgb(169, 96,  
155) }
```

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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