

Converting Colors

YUV(121.9530, 1.5022, 31.6132)

Have a look what the booklet for
YUV(121.9530, 1.5022, 31.6132)
contains.

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Color

**YUV(121.9530, 1.5022,
31.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	9E677D
RGB	158, 103, 125
RGB Percent	62%, 40%, 49%
CMY	0.3804, 0.5961, 0.5098
CMYK	0.00, 0.35, 0.21, 0.38
HSL	336°, 22%, 51%
HSV	336°, 35%, 62%
XYZ	22.6525, 18.4503, 21.7694
YIQ	121.9530, 25.7180, 18.5020

Conversions

Conversions Part 2

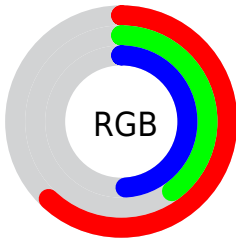
Format	Color
R_{YB}	158, 103, 125
Decimal	10381181
CIE _{Lab}	50.04, 25.36, -3.09
CIE _{LCh}	50, 25.543, 353.053
Yxy	18.4503, 0.3603, 0.2935
Android (android.graphics.Color)	4288571261 (0xFF9E677D)
YUV	121.9530, 1.5022, 31.6132
Hunter-Lab	42.9538, 18.9662, 0.0189

Details

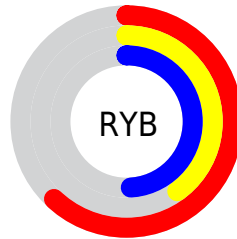
The YUV color **121.9530, 1.5022, 31.6132** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **139.0470, -1.5022, -31.6132**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2630, 1.3493, 33.9723**, and **72.3440, 1.8024, 28.6393** is the 20% darker color. If you saturate the color by 10%, you get **111.5350, 2.2012, 40.7498**, and if you desaturate by 10%, it is **132.3710, 0.8031, 22.4766**.

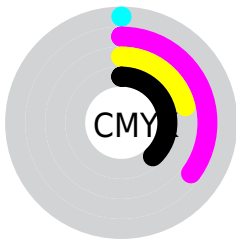
Distribution



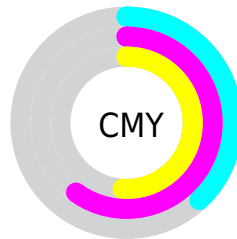
- Red (62%)
- Green (40%)
- Blue (49%)



- Red (62%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (38%)



- Cyan (38%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.9530, 1.5022, 31.6132 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 121.9530, 1.5022, 31.6132 by changing the saturation by 10% instead.

 121.9530, 1.5022,
31.6132


 121.9530, 1.5022,
31.6132

255.0000, 0.0000,
0.0000

 96.3550, 1.7970,
30.3837

 175.2630, 1.3493,
33.9723


 72.3440, 1.8024,
28.6393


 202.5620, 1.2019,
34.5871

 48.8600, 2.5340,
27.3098

 226.0770, 3.4130,
25.3655

 25.6750, 3.1182,
26.5950

 245.0210, 4.9196,
8.7516

 12.3880, -1.6703,
22.4617

 0.0000, 0.0000,
0.0000

121.9530, 1.5022,
31.6132

121.9530, 1.5022,
31.6132

111.5350, 2.2012,
40.7498

132.3710, 0.8031,
22.4766

101.0030, 2.4635,
49.9864

142.9030, 0.5408,
13.2401

91.1720, 2.8732,
58.6082

152.7340, 0.1311,
4.6183

80.6400, 3.1355,
67.8447

163.2660, -0.1311,
-4.6183

70.2220, 3.8346,
76.9813

173.6840, -0.8302,
-13.7549

59.6900, 4.0968,
86.2179

184.2160, -1.0925,
-22.9914

54.4240, 4.2280,
90.8362

194.6340, -1.7916,
-32.1280

204.5790, -1.7644,

-40.8498

 214.9970, -2.4635,
-49.9864

Harmonies

Analogous

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



122.3840, 11.1497, 17.2032



121.9530, 1.5022, 31.6132



120.6410, -8.6970, 36.2718

Triad

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



121.9530, 1.5022, 31.6132



116.1900, -18.3347, 0.7104



107.8270, 22.2703, -49.8373

Complementary

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



121.9530, 1.5022, 31.6132



139.0470, -1.5022, -31.6132

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.



105.7420, 14.4242, -53.2707



121.9530, 1.5022, 31.6132



113.1320, -10.4181, -18.5328

Square

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



121.9530, 1.5022, 31.6132



118.3170, -20.8623, 18.1390



109.5130, 1.7191, -38.1609



114.8880, 23.2262, -29.7198

Rectangle

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



121.9530, 1.5022, 31.6132



120.3110, -14.9433, 33.0533



109.5130, 1.7191, -38.1609



106.0500, 20.6814, -53.5408

Sweetspot

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



121.9530, 1.5022, 31.6132



193.1910, 0.3988, 12.1105



119.1370, 19.1595, 14.7889



96.4570, 0.2677, 7.4922



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



121.9530, 1.5022, 31.6132



149.8890, 2.0267, 50.0863



122.9670, -9.8437, 30.7239



73.7340, 0.1311, 4.6183



49.2550, 3.8183, 82.2144



5.1690, 0.4097, 8.6218

Inverse Universe

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



121.9530, 1.5022, 31.6132



149.8890, 2.0267, 50.0863



138.0330, 9.8437, -30.7239



73.7340, 0.1311, 4.6183



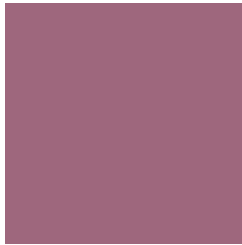
49.2550, 3.8183, 82.2144



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 121.9530, 1.5022, 31.6132 looks on a white background.

Color Contrast Check

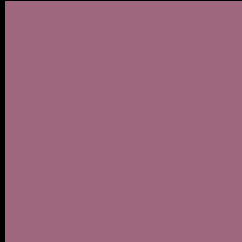
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.9530, 1.5022, 31.6132 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 121.9530, 1.5022, 31.6132

Background



This preview shows how black text looks on a background with the YUV color 121.9530, 1.5022, 31.6132.



This preview shows how white text looks on a background with the YUV color 121.9530, 1.5022,

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

121.9530, 1.5022, 31.6132

Protanopia

120.2260, 7.2836, -2.8292

Deuteranopia

120.6850, 1.1413, 7.2923



Tritanopia

121.4600, -4.1708, 31.1686

Trichromacy



Original Color

121.9530, 1.5022, 31.6132

Protanomaly

120.7330, 5.0616, 9.8812

Deuteranomaly

121.1530, 1.4036, 16.5288

Tritanomaly

121.3290, -2.1342, 31.2835

Monochromacy



Original Color

121.9530, 1.5022, 31.6132

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8920, 0.5462, 11.4957

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9530, 1.5022, 31.6132 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(158, 103, 125)` looks like.

```
.text, #text, p{  
    color:rgb(158, 103, 125)  
}
```

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(158, 103, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 103, 125) }
```

Border

The CSS property to change the border of an element to YUV 121.9530, 1.5022, 31.6132 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(158, 103, 125) }
```


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

```
.border{ border-color:rgb(158, 103, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 103, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 103, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 103, 125);  
box-shadow:4px 4px 4px 4px rgb(158, 103,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 121.9530, 1.5022, 31.6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 103, 125) }
```

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

```
.background{ background-color: rgb(158,  
103, 125) }
```

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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