

Converting Colors

YUV(123.5530, 11.5594,
25.8250)

Have a look what the booklet for
YUV(123.5530, 11.5594, 25.8250)
contains.

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Color

**YUV(123.5530, 11.5594,
25.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	996893
RGB	153, 104, 147
RGB Percent	60%, 41%, 58%
CMY	0.4000, 0.5922, 0.4235
CMYK	0.00, 0.32, 0.04, 0.40
HSL	307°, 19%, 50%
HSV	307°, 32%, 60%
XYZ	23.3536, 18.7795, 29.9977
YIQ	123.5530, 15.4010, 23.7610

Conversions

Conversions Part 2

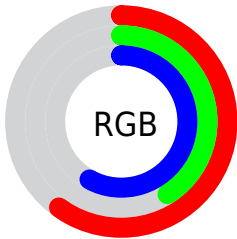
Format	Color
R _Y B	153, 104, 147
Decimal	10053779
CIE Lab	50.43, 26.84, -15.61
CIE LCh	50, 31.046, 329.821
Yxy	18.7795, 0.3238, 0.2604
Android (android.graphics.Color)	4288243859 (0xFF996893)
YUV	123.5530, 11.5594, 25.8250
Hunter-Lab	43.3353, 20.3577, -10.7071

Details

The YUV color **123.5530, 11.5594, 25.8250** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.4470, -11.5594, -25.8250**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6780, 11.9907, 27.4694**, and **74.0150, 10.8386, 23.6658** is the 20% darker color. If you saturate the color by 10%, you get **114.5200, 15.0266, 33.7470**, and if you desaturate by 10%, it is **132.5860, 8.0921, 17.9031**.

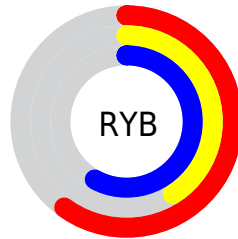
Distribution



Red (60%)

Green (41%)

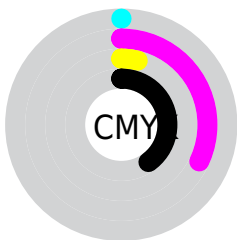
Blue (58%)



Red (60%)

Yellow (41%)

Blue (58%)

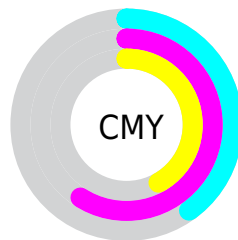


Cyan (0%)

Magenta (32%)

Yellow (4%)

Black (40%)



Cyan (40%)

Magenta (59%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5530, 11.5594, 25.8250 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 123.5530, 11.5594, 25.8250 by changing the saturation by 10% instead.

123.5530, 11.5594,
25.8250

123.5530, 11.5594,
25.8250

255.0000, 0.0000,
0.0000

98.1400, 11.2700,
25.3102

176.6780, 11.9907,
27.4694

74.0150, 10.8386,
23.6658

204.3900, 12.1327,
28.5990

50.3030, 10.6966,
22.5363

229.1720, 12.7332,
22.6512

27.4170, 11.1334,
22.4363

245.6080, 4.6303,
8.2368

13.4720, 7.6553,
18.0031

0.0000, 0.0000,
0.0000

123.5530, 11.5594,
25.8250

123.5530, 11.5594,
25.8250

114.5200, 15.0266,
33.7470

132.5860, 8.0921,
17.9031

104.9000, 18.7833,
42.1837

142.2060, 4.3354,
9.4663

95.8670, 22.2506,
50.1056

151.2390, 0.8682,
1.5444

86.9480, 26.1546,
57.9276

160.1580, -3.0359,
-6.2776

77.9150, 29.6219,
65.8495

169.7780, -6.7926,
-14.7143

68.2950, 33.3786,
74.2863


178.8110,
-10.2598, -22.6362

61.0230, 35.9777,
80.6638

187.8440,
-13.7271, -30.5582

196.8770,

-17.1944, -38.4801

 206.4970,
-20.9510, -46.9169

Harmonies

Analogous

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



121.7330, 21.8236, 0.2342



123.5530, 11.5594, 25.8250



122.4380, -0.7089, 40.8349

Triad

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



123.5530, 11.5594, 25.8250



117.8670, -25.0774, 16.7796



94.6010, 24.8467, -82.9651

Complementary

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



123.5530, 11.5594, 25.8250



133.4470, -11.5594, -25.8250

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.



103.5860, 7.5991, -57.5189



123.5530, 11.5594, 25.8250



115.1740, -20.7918, -4.5376

Square

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



123.5530, 11.5594, 25.8250



119.7750, -22.0741, 33.5233



111.4080, -9.0751, -29.2988



101.9970, 31.0605, -69.2804

Rectangle

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



123.5530, 11.5594, 25.8250



121.5710, -9.1555, 43.3492



111.4080, -9.0751, -29.2988



94.2760, 21.0629, -82.6801

Sweetspot

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



123.5530, 11.5594, 25.8250



186.9180, 4.4774, 10.5959



111.3800, 20.5187, -1.2103



92.4290, 2.7465, 5.7628



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



123.5530, 11.5594, 25.8250



153.3620, 18.0625, 40.0245



120.8170, 1.0762, 28.2245



72.1900, 1.8783, 4.2184



55.8820, 33.0892, 73.7715



5.1410, 2.8885, 6.8923

Inverse Universe

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



123.5530, 11.5594, 25.8250



153.3620, 18.0625, 40.0245



136.1830, -1.0762, -28.2245



72.1900, 1.8783, 4.2184



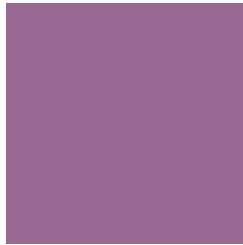
55.8820, 33.0892, 73.7715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 123.5530, 11.5594, 25.8250 looks on a white background.

Color Contrast Check

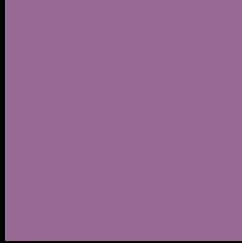
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.5530, 11.5594, 25.8250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

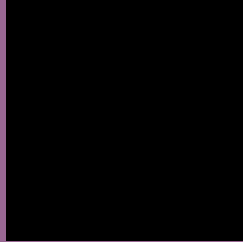
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.5530, 11.5594, 25.8250

Background



This preview shows how black text looks on a background with the YUV color 123.5530, 11.5594, 25.8250.



This preview shows how white text looks on a background with the YUV color 123.5530, 11.5594,

25.8250.

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

123.5530, 11.5594, 25.8250

Protanopia

120.7550, 18.3618, -9.4321

Deuteranopia

121.5620, 11.0619, -1.3699



Tritanopia

122.5730, -2.2545, 23.1765

Trichromacy



Original Color

123.5530, 11.5594, 25.8250

Protanomaly

122.1480, 15.7030, 3.3782

Deuteranomaly

122.3290, 11.1768, 8.4815

Tritanomaly

122.9520, 2.9817, 23.7211

Monochromacy



Original Color

123.5530, 11.5594, 25.8250

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0920, 3.8986, 9.5663

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5530, 11.5594, 25.8250 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(153, 104, 147)` looks like.

```
.text, #text, p{  
    color:rgb(153, 104, 147)  
}
```

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(153, 104, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 104, 147) }
```

Border

The CSS property to change the border of an element to YUV 123.5530, 11.5594, 25.8250 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(153, 104, 147) }
```


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

```
.border{ border-color:rgb(153, 104, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 104, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 104, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 104, 147);  
box-shadow:4px 4px 4px 4px rgb(153, 104,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 123.5530, 11.5594, 25.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 104, 147) }
```

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

```
.background{ background-color: rgb(153,  
104, 147) }
```

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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