

Converting Colors

YUV(121.2000, 10.2544,
24.3806)

Have a look what the booklet for
YUV(121.2000, 10.2544, 24.3806)
contains.

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Color

**YUV(121.2000, 10.2544,
24.3806)**

Conversions

Conversions Part 1

Format	Color
Hex	95678E
RGB	149, 103, 142
RGB Percent	58%, 40%, 56%
CMY	0.4157, 0.5961, 0.4431
CMYK	0.00, 0.31, 0.05, 0.42
HSL	309°, 18%, 49%
HSV	309°, 31%, 58%
XYZ	22.1272, 18.0431, 27.9076
YIQ	121.2000, 14.8970, 21.8810

Conversions

Conversions Part 2

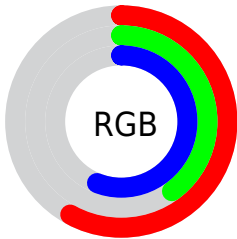
Format	Color
R _Y B	149, 103, 142
Decimal	9791374
CIE Lab	49.55, 25.05, -14.03
CIE LCh	50, 28.711, 330.750
Yxy	18.0431, 0.3250, 0.2650
Android (android.graphics.Color)	4287981454 (0xFF95678E)
YUV	121.2000, 10.2544, 24.3806
Hunter-Lab	42.4771, 18.6492, -9.2198

Details

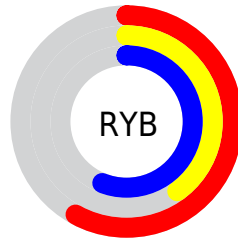
The YUV color **121.2000, 10.2544, 24.3806** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.8000, -10.2544, -24.3806**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3250, 10.6858, 26.0250**, and **71.7760, 9.9704, 22.1214** is the 20% darker color. If you saturate the color by 10%, you get **112.1670, 13.7217, 32.3025**, and if you desaturate by 10%, it is **130.2330, 6.7871, 16.4587**.

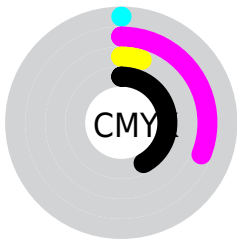
Distribution



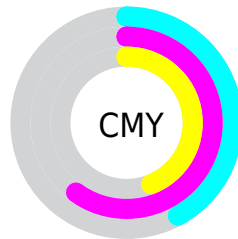
- Red (58%)
- Green (40%)
- Blue (56%)



- Red (58%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (5%)
- Black (42%)



- Cyan (42%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.2000, 10.2544, 24.3806 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 121.2000, 10.2544, 24.3806 by changing the saturation by 10% instead.

121.2000, 10.2544,
24.3806

121.2000, 10.2544,
24.3806

255.0000, 0.0000,
0.0000

95.7870, 9.9650,
23.8658

174.3250, 10.6858,
26.0250

71.7760, 9.9704,
22.1214

201.7380, 10.9752,
26.5398

48.3630, 9.6810,
21.6066

227.6560, 12.0016,
23.9807

25.7650, 9.9759,
20.3771

245.0210, 4.9196,
8.7516

12.2330, 6.7871,
16.4587

0.0000, 0.0000,
0.0000

121.2000, 10.2544,
24.3806

121.2000, 10.2544,
24.3806

112.1670, 13.7217,
32.3025

130.2330, 6.7871,
16.4587

103.0200, 16.7521,
40.3245

139.3800, 3.7567,
8.4367

93.9870, 20.2194,
48.2464

148.4130, 0.2894,
0.5148

84.9540, 23.6867,
56.1683

157.4460, -3.1779,
-7.4071

76.5080, 26.8646,
63.5755

166.4790, -6.6451,
-15.3291

67.3610, 29.8950,
71.5974


175.0390, -9.3862,
-22.8362

58.9150, 33.0729,
79.0045

184.0720,
-12.8535, -30.7581

193.1050,

-16.3208, -38.6801

 202.1380,
-19.7880, -46.6020

Harmonies

Analogous

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



119.5760, 19.9290, 1.2488



121.2000, 10.2544, 24.3806



120.3020, -1.1349, 37.4461

Triad

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



121.2000, 10.2544, 24.3806



116.3120, -23.3248, 14.6354



96.0860, 22.6356, -73.7434

Complementary

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



121.2000, 10.2544, 24.3806



130.8000, -10.2544, -24.3806

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.



103.8040, 6.9986, -51.5711



121.2000, 10.2544, 24.3806



113.6300, -19.0446, -4.9375

Square

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



121.2000, 10.2544, 24.3806



117.8070, -20.6109, 30.8643



109.9460, -8.3544, -27.1396



104.7490, 27.2387, -56.7849

Rectangle

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



121.2000, 10.2544, 24.3806



119.6630, -8.7079, 39.7605



109.9460, -8.3544, -27.1396



98.4520, 17.5252, -67.9254

Sweetspot

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



121.2000, 10.2544, 24.3806



183.0920, 3.8986, 9.5663



110.3370, 19.0609, -0.2955



90.3150, 2.3097, 5.8627



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



121.2000, 10.2544, 24.3806



150.4820, 16.0314, 38.1653



118.5780, 0.2080, 26.6801



69.7770, 1.5889, 3.7036



54.6000, 30.7632, 73.1418



4.0160, 2.4571, 5.2480

Inverse Universe

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



121.2000, 10.2544, 24.3806



150.4820, 16.0314, 38.1653



133.4220, -0.2080, -26.6801



69.7770, 1.5889, 3.7036



54.6000, 30.7632, 73.1418



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 121.2000, 10.2544, 24.3806 looks on a white background.

Color Contrast Check

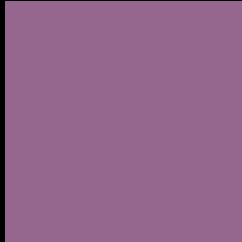
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.2000, 10.2544, 24.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

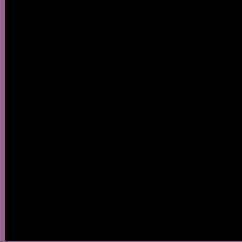
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.2000, 10.2544, 24.3806

Background



This preview shows how black text looks on a background with the YUV color 121.2000, 10.2544, 24.3806.



This preview shows how white text looks on a background with the YUV color 121.2000, 10.2544,

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

121.2000, 10.2544, 24.3806

Protanopia

118.5980, 16.4672, -8.4174

Deuteranopia

119.0460, 10.3303, -0.0403



Tritanopia

120.2740, -2.1071, 22.5617

Trichromacy



Original Color

121.2000, 10.2544, 24.3806

Protanomaly

119.6920, 13.9558, 3.7781

Deuteranomaly

120.1010, 10.3032, 8.6814

Tritanomaly

120.4250, 2.2555, 23.3063

Monochromacy



Original Color

121.2000, 10.2544, 24.3806

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7930, 4.0461, 8.9515

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2000, 10.2544, 24.3806 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(149, 103, 142)` looks like.

```
.text, #text, p{  
    color:rgb(149, 103, 142)  
}
```

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(149, 103, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 103, 142) }
```

Border

The CSS property to change the border of an element to YUV 121.2000, 10.2544, 24.3806 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(149, 103, 142) }
```


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

```
.border{ border-color:rgb(149, 103, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 103, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 103, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 103, 142);  
box-shadow:4px 4px 4px 4px rgb(149, 103,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 121.2000, 10.2544, 24.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 103, 142) }
```

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

```
.background{ background-color: rgb(149,  
103, 142) }
```

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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