

Converting Colors

YUV(121.9350, 5.4550, 23.7360)

Have a look what the booklet for
YUV(121.9350, 5.4550, 23.7360)
contains.

YUV(121.9350, 5.4550, 23.7360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(121.9350, 5.4550,
23.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	956A85
RGB	149, 106, 133
RGB Percent	58%, 42%, 52%
CMY	0.4157, 0.5843, 0.4784
CMYK	0.00, 0.29, 0.11, 0.42
HSL	322°, 17%, 50%
HSV	322°, 29%, 58%
XYZ	21.7821, 18.3911, 24.5921
YIQ	121.9350, 16.9610, 17.5130

Conversions

Conversions Part 2

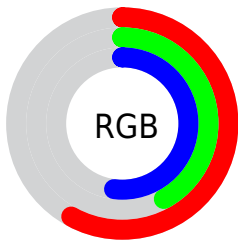
Format	Color
R_{YB}	149, 106, 133
Decimal	9792133
CIE Lab	49.97, 21.64, -8.06
CIE LCh	50, 23.091, 339.564
Yxy	18.3911, 0.3363, 0.2840
Android (android.graphics.Color)	4287982213 (0xFF956A85)
YUV	121.9350, 5.4550, 23.7360
Hunter-Lab	42.8848, 15.6154, -3.9802

Details

The YUV color **121.9350, 5.4550, 23.7360** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.0650, -5.4550, -23.7360**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9460, 5.4496, 25.4804**, and **72.5110, 5.1711, 21.4769** is the 20% darker color. If you saturate the color by 10%, you get **112.4460, 7.1751, 32.0579**, and if you desaturate by 10%, it is **131.4240, 3.7350, 15.4142**.

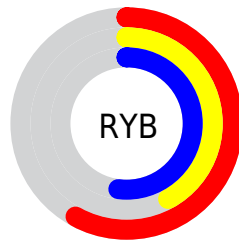
Distribution



Red (58%)

Green (42%)

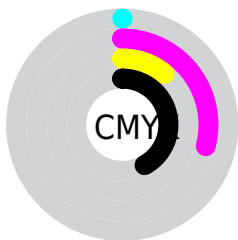
Blue (52%)



Red (58%)

Yellow (42%)

Blue (52%)

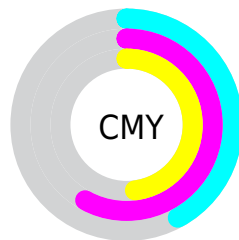


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (42%)



Cyan (42%)

Magenta (58%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.9350, 5.4550, 23.7360 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 121.9350, 5.4550, 23.7360 by changing the saturation by 10% instead.

121.9350, 5.4550,
23.7360

121.9350, 5.4550,
23.7360

255.0000, 0.0000,
0.0000

96.6360, 5.6025,
23.1212

174.9460, 5.4496,
25.4804

72.5110, 5.1711,
21.4769

202.3590, 5.7390,
25.9952

49.7990, 5.0291,
20.3473

228.8640, 6.4760,
22.9213

27.6140, 5.6133,
19.6325

246.7820, 4.0515,
7.2072

11.6200, 3.1453,
17.8733

0.0000, 0.0000,
0.0000

121.9350, 5.4550,
23.7360

121.9350, 5.4550,
23.7360

112.4460, 7.1751,
32.0579

131.4240, 3.7350,
15.4142

103.0710, 9.3320,
40.2797

140.7990, 1.5781,
7.1923

93.5820, 11.0521,
48.6016

150.2880, -0.1420,
-1.1296

84.2070, 13.2089,
56.8235

159.6630, -2.2989,
-9.3515

74.7180, 14.9290,
65.1453

169.1520, -4.0189,
-17.6733

65.9300, 16.7965,
72.8524

177.9400, -5.8864,
-25.3804

56.4410, 18.5166,
81.1742


187.4290, -7.6065,
-33.7022

55.2670, 19.0954,

196.8040, -9.7634,

82.2038

-41.9241

 206.2930,
-11.4834, -50.2460

Harmonies

Analogous

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



121.6000, 13.5082, 7.3668



121.9350, 5.4550, 23.7360



121.1720, -4.0288, 32.2982

Triad

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



121.9350, 5.4550, 23.7360



117.2340, -18.3564, 7.6878



108.1820, 17.1653, -45.7636

Complementary

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



121.9350, 5.4550, 23.7360



133.0650, -5.4550, -23.7360

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.



109.0980, 7.8397, -41.3049



121.9350, 5.4550, 23.7360



114.8020, -13.2134, -8.5964

Square

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



121.9350, 5.4550, 23.7360



118.8490, -17.6736, 22.0574



112.2110, -3.5550, -26.4950



113.1710, 20.6217, -34.3530

Rectangle

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



121.9350, 5.4550, 23.7360



120.8640, -10.2860, 32.5683



112.2110, -3.5550, -26.4950



108.0850, 14.2551, -45.6785

Sweetspot

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



121.9350, 5.4550, 23.7360



182.6360, 2.1515, 9.9662



115.6860, 16.4238, 5.5374



90.0870, 1.4361, 6.0627



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.



121.9350, 5.4550, 23.7360



151.2340, 8.7586, 37.5058



119.5410, -3.7177, 25.8355



69.5490, 0.7153, 3.9035



51.0660, 17.2225, 76.2411



3.6740, 1.1467, 5.5479

Inverse Universe

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



121.9350, 5.4550, 23.7360



151.2340, 8.7586, 37.5058



135.4590, 3.7177, -25.8355



69.5490, 0.7153, 3.9035



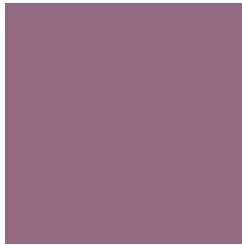
51.0660, 17.2225, 76.2411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 121.9350, 5.4550, 23.7360 looks on a white background.

Color Contrast Check

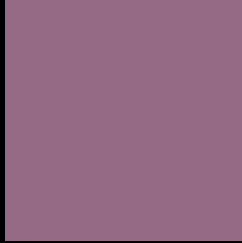
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.9350, 5.4550, 23.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

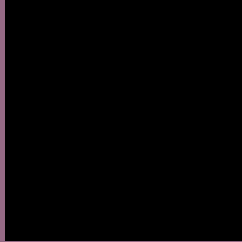
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.9350, 5.4550, 23.7360

Background



This preview shows how black text looks on a background with the YUV color 121.9350, 5.4550, 23.7360.



This preview shows how white text looks on a background with the YUV color 121.9350, 5.4550,

23.7360.

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

121.9350, 5.4550, 23.7360

Protanopia

119.7250, 10.4886, -4.1438

Deuteranopia

120.4010, 5.2253, 4.0333



Tritanopia

121.2740, -2.1071, 22.5617

Trichromacy



Original Color

121.9350, 5.4550, 23.7360

Protanomaly

120.6230, 8.5669, 5.5926

Deuteranomaly

120.8580, 5.4930, 11.5255

Tritanomaly

121.6700, 0.6557, 23.0914

Monochromacy



Original Color

121.9350, 5.4550, 23.7360

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9240, 2.0095, 8.8367

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9350, 5.4550, 23.7360 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, 106, 133)` looks like.

```
.text, #text, p{  
    color:rgb(149, 106, 133)  
}
```

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, 106, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 106, 133) }
```

Border

The CSS property to change the border of an element to YUV 121.9350, 5.4550, 23.7360 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, 106, 133) }
```


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

```
.border{ border-color:rgb(149, 106, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 106, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 106, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 106, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 106,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 121.9350, 5.4550, 23.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 106, 133) }
```

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

```
.background{ background-color: rgb(149,  
106, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor