

# Converting Colors

YUV(124.5720, 22.8890,  
31.9474)

Have a look what the booklet for  
YUV(124.5720, 22.8890, 31.9474)  
contains.

<b>YUV(124.5720, 22.8890, 31.9474)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(124.5720, 22.8890,  
31.9474)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A161AB
RGB	161, 97, 171
RGB Percent	63%, 38%, 67%
CMY	0.3686, 0.6196, 0.3294
CMYK	0.06, 0.43, 0.00, 0.33
HSL	292°, 31%, 53%
HSV	292°, 43%, 67%
XYZ	26.3233, 19.0667, 40.8209
YIQ	124.5720, 14.3900, 36.5820

# Conversions

## Conversions Part 2

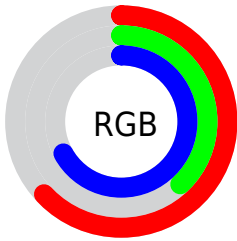
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 97, 171
Decimal	10576299
CIE <sub>Lab</sub>	50.77, 38.13, -29.10
CIE <sub>LCh</sub>	51, 47.969, 322.652
Yxy	19.0667, 0.3053, 0.2212
Android (android.graphics.Color)	4288766379 (0xFFA161AB)
YUV	124.5720, 22.8890, 31.9474
Hunter-Lab	43.6655, 31.1925, -24.8618

# Details

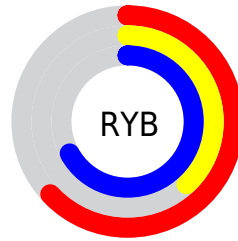
The YUV color **124.5720, 22.8890, 31.9474** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **143.4280, -22.8890, -31.9474**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2240, 24.0466, 34.0066**, and **73.3330, 22.0208, 30.4030** is the 20% darker color. If you saturate the color by 10%, you get **113.9950, 28.1035, 39.4694**, and if you desaturate by 10%, it is **135.1490, 17.6745, 24.4253**.

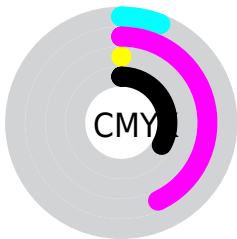
# Distribution



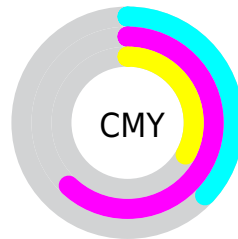
- Red (63%)
- Green (38%)
- Blue (67%)



- Red (63%)
- Yellow (38%)
- Blue (67%)



- Cyan (6%)
- Magenta (43%)
- Yellow (0%)
- Black (33%)



- Cyan (37%)
- Magenta (62%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.5720, 22.8890, 31.9474 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 124.5720, 22.8890, 31.9474 by changing the saturation by 10% instead.



■ 124.5720, 22.8890,  
31.9474

■ 124.5720, 22.8890,  
31.9474

255.0000, 0.0000,  
0.0000

■ 98.7460, 22.3102,  
30.9178

■ 178.2240, 24.0466,  
34.0066

■ 73.3330, 22.0208,  
30.4030

■ 205.9360, 24.1886,  
35.1361

■ 48.0340, 22.1682,  
29.7882

■ 225.0630, 14.7589,  
26.2547

■ 24.9090, 21.7369,  
28.1438

■ 242.0860, 6.3666,  
11.3256

■ 16.4210, 15.0754,  
18.0478

■ 3.4370, 10.6306,  
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 124.5720, 22.8890,  
31.9474

■ 124.5720, 22.8890,  
31.9474

■ 113.9950, 28.1035,  
39.4694

■ 135.1490, 17.6745,  
24.4253

■ 103.1190, 33.4653,  
46.3766

■ 146.0250, 12.3127,  
17.5181

■ 92.5420, 38.6798,  
53.8987

■ 156.6020, 7.0982,  
9.9960

■ 81.9650, 43.8943,  
61.4207

■ 167.1790, 1.8838,  
2.4740

■ 70.5020, 49.5455,  
68.8427

■ 178.0550, -3.4781,  
-4.4332

■ 63.7460, 52.8762,  
73.8908

■ 189.2190, -8.9820,  
-12.4701

■ 199.7960,  
-14.1964, -19.9921

■ 210.3730,  
-19.4109, -27.5141

■ 221.2490,  
-24.7728, -34.4214

# Harmonies

## Analogous

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



120.7710, 37.5809, -13.8312



124.5720, 22.8890, 31.9474



121.8670, 5.4886, 59.7526

# Triad

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



124.5720, 22.8890, 31.9474



116.5300, -40.6873, 30.2302



99.9810, 25.1524, -87.6833

# Complementary

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



124.5720, 22.8890, 31.9474



143.4280, -22.8890, -31.9474

# 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.



94.6060, 7.0962, -82.9695



124.5720, 22.8890, 31.9474



113.3690, -36.6639, -0.3236

# Square

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



124.5720, 22.8890, 31.9474



118.6160, -30.8697, 54.7108



105.9370, -18.2099, -39.4097



101.5090, 41.1611, -89.0234



# Rectangle

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



124.5720, 22.8890, 31.9474



119.8820, -7.3368, 66.7555



105.9370, -18.2099, -39.4097



98.4990, 19.4740, -86.3836

# Sweetspot

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



124.5720, 22.8890, 31.9474



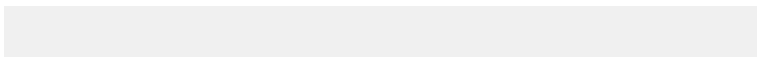
203.7810, 8.9820, 12.4701



111.8930, 29.1398, -13.0612



100.8360, 5.5039, 8.0368



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



124.5720, 22.8890, 31.9474



149.1240, 35.9279, 49.8803



124.5980, 10.0582, 40.6946



81.4180, 2.7519, 4.0184



55.9700, 46.3568, 64.9243



8.6020, 7.0982, 9.9960



# Inverse Universe

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



120.2660, -6.5401, 44.4937



142.5080, -10.1104, 69.7145



143.4020, -10.0582, -40.6946



80.8050, -0.8899, 5.4330



47.1300, -13.3751, 90.2170



7.2190, -2.0800, 13.8399



# Previews

## White Background



This preview shows how the YUV color 124.5720, 22.8890, 31.9474 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 124.5720, 22.8890, 31.9474 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 124.5720, 22.8890, 31.9474 Background



This preview shows how black text looks on a background with the YUV color 124.5720, 22.8890, 31.9474.



This preview shows how white text looks on a background with the YUV color 124.5720, 22.8890,



# 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

124.5720, 22.8890, 31.9474

### Protanopia

119.8040, 34.1136, -21.7531

### Deuteranopia

121.4710, 22.4458, -12.6911



## Tritanopia

123.3670, -3.1389, 26.8651

# Trichromacy



## Original Color

124.5720, 22.8890, 31.9474

## Protanomaly

121.4860, 29.8334, -2.1802

## Deuteranomaly

122.8690, 22.2496, 3.6229

## Tritanomaly

124.1960, 6.3124, 28.7691

# Monochromacy



## Original Color

124.5720, 22.8890, 31.9474

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.9550, 8.4032, 11.4405

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.5720, 22.8890, 31.9474 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(161, 97, 171)` looks like.

```
.text, #text, p{  
    color:rgb(161, 97, 171)  
}
```

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(161, 97, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 97, 171) }
```

## Border

The CSS property to change the border of an element to YUV 124.5720, 22.8890, 31.9474 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(161, 97, 171) }
```



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

```
.border{ border-color:rgb(161, 97, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 97, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 97, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 97, 171);  
box-shadow:4px 4px 4px 4px rgb(161, 97,  
171) }
```

# Background

The CSS property to change the background color of an element to YUV 124.5720, 22.8890, 31.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 97, 171) }
```

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

```
.background{ background-color: rgb(161, 97,  
171) }
```

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