

Converting Colors

YUV(124.1810, 22.5888,
34.9213)

Have a look what the booklet for
YUV(124.1810, 22.5888, 34.9213)
contains.

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Color

**YUV(124.1810, 22.5888,
34.9213)**

Conversions

Conversions Part 1

Format	Color
Hex	A45FAA
RGB	164, 95, 170
RGB Percent	64%, 37%, 67%
CMY	0.3569, 0.6275, 0.3333
CMYK	0.04, 0.44, 0.00, 0.33
HSL	295°, 31%, 52%
HSV	295°, 44%, 67%
XYZ	26.6577, 18.9792, 40.2885
YIQ	124.1810, 17.0490, 37.9530

Conversions

Conversions Part 2

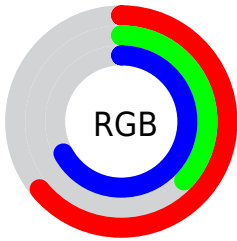
Format	Color
RYB	164, 95, 170
Decimal	10772394
CIELab	50.66, 39.95, -28.65
CIELCh	51, 49.159, 324.356
Yxy	18.9792, 0.3102, 0.2209
Android (android.graphics.Color)	4288962474 (0xFFA45FAA)
YUV	124.1810, 22.5888, 34.9213
Hunter-Lab	43.5651, 32.9862, -24.3351

Details

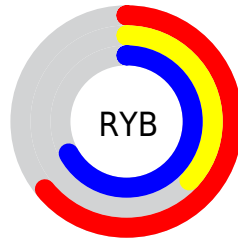
The YUV color **124.1810, 22.5888, 34.9213** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.8190, -22.5888, -34.9213**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8330, 23.7463, 36.9805**, and **72.6430, 21.8680, 32.7621** is the 20% darker color. If you saturate the color by 10%, you get **113.9030, 27.6558, 43.0581**, and if you desaturate by 10%, it is **134.4590, 17.5217, 26.7845**.

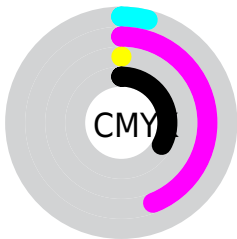
Distribution



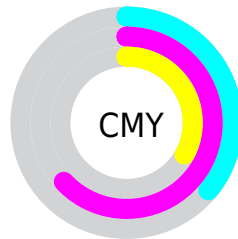
- Red (64%)
- Green (37%)
- Blue (67%)



- Red (64%)
- Yellow (37%)
- Blue (67%)



- Cyan (4%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.1810, 22.5888, 34.9213 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 124.1810, 22.5888, 34.9213 by changing the saturation by 10% instead.

124.1810, 22.5888,
34.9213

124.1810, 22.5888,
34.9213

255.0000, 0.0000,
0.0000

98.3550, 22.0100,
33.8917

177.8330, 23.7463,
36.9805

72.6430, 21.8680,
32.7621

206.1320, 23.5989,
37.5952

47.1700, 22.5942,
33.1769

223.8890, 15.3377,
27.2843

25.8060, 21.2946,
29.9881

240.9120, 6.9454,
12.3552

16.9050, 14.3438,
19.3773

3.3230, 10.1938,
-2.9143

0.0000, 0.0000,

0.0000

■ 124.1810, 22.5888,
34.9213

■ 124.1810, 22.5888,
34.9213

■ 113.9030, 27.6558,
43.0581

■ 134.4590, 17.5217,
26.7845

■ 103.3260, 32.8703,
50.5801

■ 145.0360, 12.3073,
19.2624

■ 93.0480, 37.9373,
58.7169

■ 155.3140, 7.2402,
11.1256

■ 82.7700, 43.0044,
66.8537

■ 165.5920, 2.1731,
2.9888

■ 72.1930, 48.2189,
74.3757

■ 176.1690, -3.0413,
-4.5332

■ 66.0240, 51.2602,
78.9090

■ 186.4470, -8.1084,
-12.6700

■ 197.0240,
-13.3228, -20.1920

■ 207.3020,
-18.3899, -28.3289

■ 217.5800,
-23.4569, -36.4657

Harmonies

Analogous

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



121.0810, 37.4281, -11.4720



124.1810, 22.5888, 34.9213



120.9490, 4.4621, 62.3117

Triad

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



124.1810, 22.5888, 34.9213



116.3620, -42.5765, 29.5005



100.3230, 26.4628, -87.9833

Complementary

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



124.1810, 22.5888, 34.9213



140.8190, -22.5888, -34.9213

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.



94.8340, 7.9698, -83.1694



124.1810, 22.5888, 34.9213



112.0590, -36.5111, -2.6827

Square

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



124.1810, 22.5888, 34.9213



117.9750, -32.0327, 54.3959



104.1430, -17.3255, -43.0984



101.8510, 42.4715, -89.3233

Rectangle

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



124.1810, 22.5888, 34.9213



118.6650, -8.2158, 68.6998



104.1430, -17.3255, -43.0984



98.7270, 20.3476, -86.5836

Sweetspot

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



124.1810, 22.5888, 34.9213



204.3790, 8.6872, 13.6996



107.0720, 31.0235, -10.5871



101.1350, 5.3564, 8.6516



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.



124.1810, 22.5888, 34.9213



149.7440, 35.6222, 54.5985



122.4410, 8.1636, 41.7092



79.0050, 2.4625, 3.5036



57.5360, 44.5988, 68.8129



7.9610, 5.9352, 9.6812

Inverse Universe

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



118.1090, -8.4347, 45.5084



140.4220, -13.0260, 71.5439



142.5590, -8.1636, -41.7092



78.3920, -1.1793, 4.9182



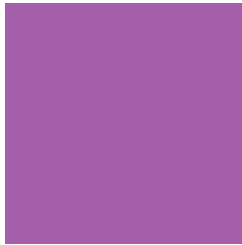
45.6200, -16.5747, 89.7873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 124.1810, 22.5888, 34.9213 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 124.1810, 22.5888, 34.9213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

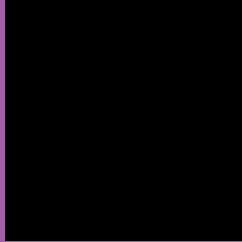
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.1810, 22.5888, 34.9213

Background



This preview shows how black text looks on a background with the YUV color 124.1810, 22.5888, 34.9213.



This preview shows how white text looks on a background with the YUV color 124.1810, 22.5888, 34.9213.

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

124.1810, 22.5888, 34.9213

Protanopia

119.9180, 34.5504, -21.8531

Deuteranopia

120.6560, 21.8616, -11.9763



Tritanopia

122.8620, -3.8760, 29.9390

Trichromacy



Original Color

124.1810, 22.5888, 34.9213

Protanomaly

121.3120, 30.4122, -1.1506

Deuteranomaly

121.8800, 22.2442, 5.3672

Tritanomaly

123.6910, 5.5753, 31.8430

Monochromacy



Original Color

124.1810, 22.5888, 34.9213

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9660, 8.3978, 13.1848

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.1810, 22.5888, 34.9213 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(164, 95, 170)` looks like.

```
.text, #text, p{  
    color:rgb(164, 95, 170)  
}
```

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(164, 95, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 95, 170) }
```

Border

The CSS property to change the border of an element to YUV 124.1810, 22.5888, 34.9213 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(164, 95, 170) }
```


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

```
.border{ border-color:rgb(164, 95, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 95, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 95, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 95, 170);  
box-shadow:4px 4px 4px 4px rgb(164, 95,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 124.1810, 22.5888, 34.9213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 95, 170) }
```

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

```
.background{ background-color: rgb(164, 95,  
170) }
```

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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