

Converting Colors

YUV(124.2770, 23.5274,
13.7891)

Have a look what the booklet for
YUV(124.2770, 23.5274, 13.7891)
contains.

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Color

**YUV(124.2770, 23.5274,
13.7891)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6BAC
RGB	140, 107, 172
RGB Percent	55%, 42%, 67%
CMY	0.4510, 0.5804, 0.3255
CMYK	0.19, 0.38, 0.00, 0.33
HSL	270°, 28%, 55%
HSV	270°, 38%, 67%
XYZ	23.5193, 19.0694, 41.4709
YIQ	124.2770, -1.1970, 27.2110

Conversions

Conversions Part 2

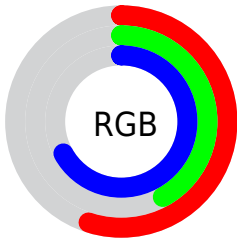
Format	Color
R_{YB}	140, 107, 172
Decimal	9202604
CIE _{Lab}	50.77, 26.11, -29.86
CIE _{LCh}	51, 39.664, 311.171
Yxy	19.0694, 0.2798, 0.2269
Android (android.graphics.Color)	4287392684 (0xFF8C6BAC)
YUV	124.2770, 23.5274, 13.7891
Hunter-Lab	43.6685, 19.7179, -25.7382

Details

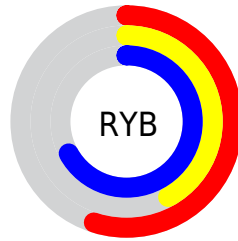
The YUV color **124.2770, 23.5274, 13.7891** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **154.7230, -23.5274, -13.7891**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6300, 24.8324, 15.2335**, and **74.5110, 21.9331, 11.8299** is the 20% darker color. If you saturate the color by 10%, you get **111.9060, 29.6263, 17.6224**, and if you desaturate by 10%, it is **136.6480, 17.4285, 9.9557**.

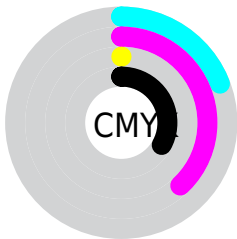
Distribution



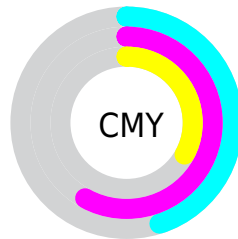
- Red (55%)
- Green (42%)
- Blue (67%)



- Red (55%)
- Yellow (42%)
- Blue (67%)



- Cyan (19%)
- Magenta (38%)
- Yellow (0%)
- Black (33%)



- Cyan (45%)
- Magenta (58%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2770, 23.5274, 13.7891 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 124.2770, 23.5274, 13.7891 by changing the saturation by 10% instead.

124.2770, 23.5274,
13.7891

124.2770, 23.5274,
13.7891

255.0000, 0.0000,
0.0000

98.7500, 22.8012,
13.3742

177.6300, 24.8324,
15.2335

74.5110, 21.9331,
11.8299

204.9290, 24.6850,
15.8483

50.9840, 21.2069,
11.4150

230.0360, 12.3073,
19.2624

28.7450, 20.3387,
9.8706

247.3690, 3.7621,
6.6924

12.0500, 17.7233,
8.7261

3.5510, 11.0674,
-3.1142

0.0000, 0.0000,

0.0000

■ 124.2770, 23.5274,
13.7891

■ 124.2770, 23.5274,
13.7891

■ 111.9060, 29.6263,
17.6224

■ 136.6480, 17.4285,
9.9557

■ 99.2360, 35.8727,
20.8410

■ 149.3180, 11.1822,
6.7371

■ 86.2780, 42.2609,
25.1892

■ 162.2760, 4.7939,
2.3889

■ 73.6080, 48.5073,
28.4078

■ 174.9460, -1.4524,
-0.8296

■ 61.2370, 54.6062,
32.2412

■ 187.3170, -7.5513,
-4.6630

■ 48.5670, 60.8525,
35.4597

■ 199.9870,
-13.7976, -7.8816

45.6210, 62.3048,
36.2894

212.3580,
-19.8965, -11.7150

225.6150,
-26.4322, -15.4484

233.8770,
-30.5054, -15.6781

Harmonies

Analogous

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



117.7710, 34.1299, -26.9862



124.2770, 23.5274, 13.7891



124.1960, 9.7634, 41.9241

Triad

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



124.2770, 23.5274, 13.7891



119.0820, -31.0994, 35.0081



96.1680, 18.1582, -84.3393

Complementary

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



124.2770, 23.5274, 13.7891



154.7230, -23.5274, -13.7891

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.



103.2520, -2.5892, -56.3490



124.2770, 23.5274, 13.7891



116.7000, -31.8971, 10.7871

Square

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



124.2770, 23.5274, 13.7891



120.5260, -20.9653, 51.2817



112.7440, -22.0588, -18.1925



98.5280, 32.2777, -86.4091

Rectangle

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



124.2770, 23.5274, 13.7891



122.5150, -0.7469, 53.0453



112.7440, -22.0588, -18.1925



94.8000, 12.9166, -83.1396

Sweetspot

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



124.2770, 23.5274, 13.7891



206.3240, 8.7143, 4.9779



133.7810, 18.8420, -23.4869



101.6890, 5.0833, 2.9037



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.



124.2770, 23.5274, 13.7891



150.0620, 36.4514, 21.8706



133.8450, 18.8104, 33.4619



80.2220, 3.3416, 1.5593



39.8240, 54.3168, 31.7264



6.2100, 8.2775, 5.0778

Inverse Universe

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



130.0830, 4.3961, 36.7612



158.8990, 6.9518, 57.0936



145.1550, -18.8104, -33.4619



81.1470, 0.4205, 5.1331



53.2860, 10.2120, 84.8182



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 124.2770, 23.5274, 13.7891 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 124.2770, 23.5274, 13.7891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

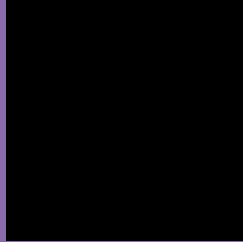
Any Text WCAG AA ✓ Pass

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 124.2770, 23.5274, 13.7891 Background



This preview shows how black text looks on a background with the YUV color 124.2770, 23.5274, 13.7891.



This preview shows how white text looks on a background with the YUV color 124.2770, 23.5274,

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

124.2770, 23.5274, 13.7891

Protanopia

120.2020, 30.4664, -18.5942

Deuteranopia

120.8020, 23.7616, -14.7354



Tritanopia

122.5110, 1.7201, 8.3219

Trichromacy



Original Color

124.2770, 23.5274, 13.7891

Protanomaly

121.8830, 27.6657, -6.9134

Deuteranomaly

121.8680, 23.7291, -4.2692

Tritanomaly

122.9980, 9.8610, 10.5258

Monochromacy



Original Color

124.2770, 23.5274, 13.7891

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.2100, 8.2775, 5.0778

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2770, 23.5274, 13.7891 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(140, 107, 172)` looks like.

```
.text, #text, p{  
    color:rgb(140, 107, 172)  
}
```

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(140, 107, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 107, 172) }
```

Border

The CSS property to change the border of an element to YUV 124.2770, 23.5274, 13.7891 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(140, 107, 172) }
```


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

```
.border{ border-color:rgb(140, 107, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 107, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 107, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 107, 172);  
box-shadow:4px 4px 4px 4px rgb(140, 107,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 124.2770, 23.5274, 13.7891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 107, 172) }
```

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

```
.background{ background-color: rgb(140,  
107, 172) }
```

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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