

Converting Colors

YUV(196.2770, 23.5274,
13.7891)

Have a look what the booklet for
YUV(196.2770, 23.5274, 13.7891)
contains.

YUV(196.2770, 23.5274, 13.7891)	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(196.2770, 23.5274,
13.7891)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B3F4
RGB	212, 179, 244
RGB Percent	83%, 70%, 96%
CMY	0.1686, 0.2980, 0.0431
CMYK	0.13, 0.27, 0.00, 0.04
HSL	270°, 75%, 83%
HSV	270°, 27%, 96%
XYZ	59.6006, 52.7689, 92.6321
YIQ	196.2770, -1.1970, 27.2110

Conversions

Conversions Part 2

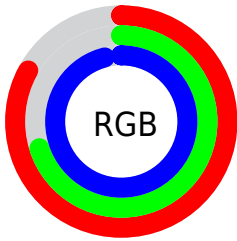
Format	Color
R _Y B	212, 179, 244
Decimal	13939700
CIE _{Lab}	77.74, 23.92, -27.89
CIE _{LCh}	78, 36.743, 310.616
Y _{xy}	52.7689, 0.2907, 0.2574
Android (android.graphics.Color)	4292129780 (0xFFD4B3F4)
Y _{UV}	196.2770, 23.5274, 13.7891
Hunter-Lab	72.6422, 19.3297, -24.7560

Details

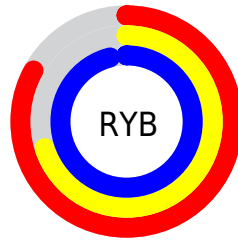
The YUV color **196.2770, 23.5274, 13.7891** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **226.7230, -23.5274, -13.7891**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2600, 5.7878, 10.2960**, and **142.3370, 22.5119, 12.8595** is the 20% darker color. If you saturate the color by 10%, you get **178.6010, 32.2417, 18.7669**, and if you desaturate by 10%, it is **213.9530, 14.8132, 8.8112**.

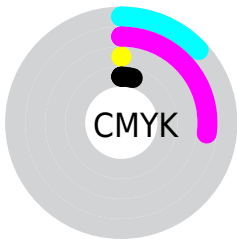
Distribution



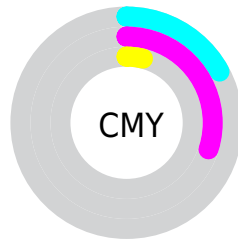
- Red (83%)
- Green (70%)
- Blue (96%)



- Red (83%)
- Yellow (70%)
- Blue (96%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)




- Cyan (17%)
- Magenta (30%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.2770, 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 196.2770, 23.5274, 13.7891 by changing the saturation by 10% instead.


 196.2770, 23.5274,
13.7891


 196.2770, 23.5274,
13.7891


255.0000, 0.0000,
0.0000


 168.7500, 22.8013,
13.3743


 243.2600, 5.7878,
10.2960

 142.3370, 22.5119,
12.8595

 116.3970, 21.4963,
11.9298

 91.5710, 20.9175,
10.9002

 67.1580, 20.6281,
10.3854

 44.2180, 19.6125,
9.4558

 22.3920, 19.0337,

8.4262

■ 6.2400, 16.1507,
-0.2105

■ 2.4110, 6.6994,
-2.1144

■ 196.2770, 23.5274,
13.7891

■ 196.2770, 23.5274,
13.7891

■ 178.6010, 32.2417,
18.7669

■ 213.9530, 14.8132,
8.8112

■ 160.3380, 41.2454,
24.2596

■ 232.2160, 5.8095,
3.3186

■ 142.6620, 49.9596,
29.2374

■ 249.8920, -2.9048,
-1.6593

■ 124.3990, 58.9633,
34.7301

■ 253.7460, -4.8048,
1.0998

■ 106.7230, 67.6776,
39.7079

■ 89.0470, 76.3918,
44.6858

■ 70.7840, 85.3955,
50.1784

■ 64.8920, 88.3002,
51.8377

Harmonies

Analogous

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



190.2230, 31.9351, -22.9976



196.2770, 23.5274, 13.7891



197.0820, 9.3266, 42.0241

Triad

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



196.2770, 23.5274, 13.7891



191.6910, -31.3997, 37.9820



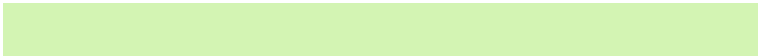
172.7130, 14.9315, -76.0473

Complementary

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



196.2770, 23.5274, 13.7891



226.7230, -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.



179.2100, -5.5265, -47.5422



196.2770, 23.5274, 13.7891



188.7110, -31.9025, 12.5315

Square

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



196.2770, 23.5274, 13.7891



194.1950, -22.2811, 53.3260



184.6410, -22.5010, -16.3482



170.7130, 31.6935, -85.6943

Rectangle

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



196.2770, 23.5274, 13.7891



195.6890, -1.3257, 52.0157



184.6410, -22.5010, -16.3482



175.0470, 8.3578, -67.5702

Sweetspot

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



196.2770, 23.5274, 13.7891



240.2700, 7.2619, 4.1482



205.7810, 18.8420, -23.4869



118.2760, 4.7939, 2.3889



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



196.2770, 23.5274, 13.7891



194.9060, 29.6263, 17.6224



205.8450, 18.8104, 33.4619



113.1620, 4.3571, 2.4889



49.6090, 67.2408, 39.8079



15.6960, 21.3489, 12.5446

Inverse Universe

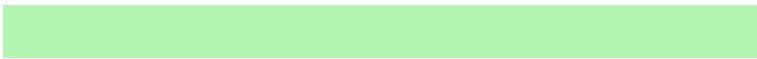
The Inverse Universe completely reimagines the original color for something new.



202.0830, 4.3961, 36.7612



202.1920, 5.8213, 46.3126



217.1550, -18.8104, -33.4619



114.2720, 0.8519, 6.7775



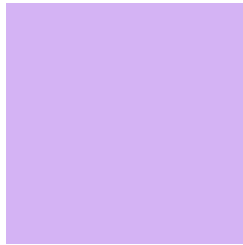
66.1020, 12.7677, 105.1505



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 196.2770, 23.5274, 13.7891 looks on a white background.

Color Contrast Check

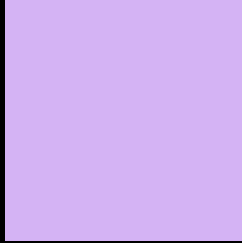
Large Text (above 18pt) WCAG AA × Fail

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 196.2770, 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 ✓ Pass

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

YUV 196.2770, 23.5274, 13.7891 Background



This preview shows how black text looks on a background with the YUV color 196.2770, 23.5274, 13.7891.



This preview shows how white text looks on a background with the YUV color 196.2770, 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

196.2770, 23.5274, 13.7891

Protanopia

192.8820, 29.1452, -14.8055

Deuteranopia

193.8460, 23.7399, -7.7579



Tritanopia

194.0920, 3.8986, 9.5663

Trichromacy



Original Color

196.2770, 23.5274, 13.7891

Protanomaly

194.0790, 27.0761, -4.4543

Deuteranomaly

194.6020, 23.8602, 0.3490

Tritanomaly

194.9380, 10.8766, 11.4554

Monochromacy



Original Color

196.2770, 23.5274, 13.7891

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.2100, 8.2775, 5.0778

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.2770, 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(212, 179, 244)` looks like.

```
.text, #text, p{  
    color:rgb(212, 179, 244)  
}
```

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(212, 179, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 179, 244) }
```

Border

The CSS property to change the border of an element to YUV 196.2770, 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(212, 179, 244) }
```


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

```
.border{ border-color:rgb(212, 179, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 179, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 179, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 179, 244);  
box-shadow:4px 4px 4px 4px rgb(212, 179,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 196.2770, 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(212, 179, 244) }
```

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

```
.background{ background-color: rgb(212,  
179, 244) }
```

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