

Converting Colors

YUV(197.6240, 23.8494, 3.8378)

Have a look what the booklet for
YUV(197.6240, 23.8494, 3.8378)
contains.

YUV(197.6240, 23.8494, 3.8378)	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(197.6240, 23.8494,
3.8378)**

Conversions

Conversions Part 1

Format	Color
Hex	CABAF6
RGB	202, 186, 246
RGB Percent	79%, 73%, 96%
CMY	0.2078, 0.2706, 0.0353
CMYK	0.18, 0.24, 0.00, 0.04
HSL	256°, 77%, 85%
HSV	256°, 24%, 96%
XYZ	58.5506, 54.3282, 94.5892
YIQ	197.6240, -9.7240, 22.0520

Conversions

Conversions Part 2

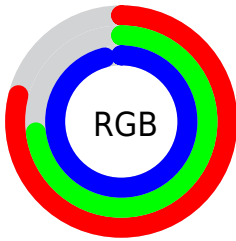
Format	Color
R _Y B	202, 186, 246
Decimal	13286134
CIE Lab	78.65, 17.45, -27.64
CIE LCh	79, 32.688, 302.266
Yxy	54.3282, 0.2822, 0.2619
Android (android.graphics.Color)	4291476214 (0xFFCABAF6)
YUV	197.6240, 23.8494, 3.8378
Hunter-Lab	73.7077, 12.8053, -24.4916

Details

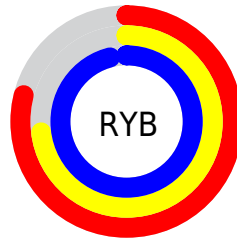
The YUV color **197.6240, 23.8494, 3.8378** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **234.3760, -23.8494, -3.8378**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.3690, 3.7621, 6.6924**, and **143.6840, 22.8338, 2.9081** is the 20% darker color. If you saturate the color by 10%, you get **177.5670, 33.7375, 5.6417**, and if you desaturate by 10%, it is **217.6810, 13.9613, 2.0338**.

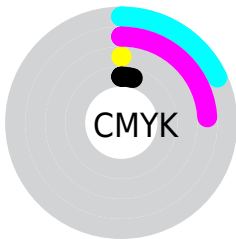
Distribution



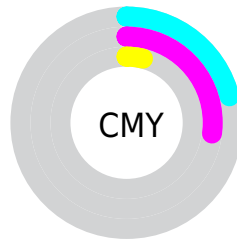
- Red (79%)
- Green (73%)
- Blue (96%)



- Red (79%)
- Yellow (73%)
- Blue (96%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (21%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.6240, 23.8494, 3.8378 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 197.6240, 23.8494, 3.8378 by changing the saturation by 10% instead.

■ 197.6240, 23.8494,
3.8378

■ 197.6240, 23.8494,
3.8378

255.0000, 0.0000,
0.0000

■ 170.0970, 23.1232,
3.4229

■ 247.3690, 3.7621,
6.6924

■ 143.6840, 22.8338,
2.9081

■ 118.0430, 21.6708,
2.5933

■ 92.6300, 21.3814,
2.0785

■ 68.9890, 20.2184,
1.7636

■ 46.1630, 19.6396,
0.7340

■ 24.5110, 18.4821,

-1.3251

■ 4.5600, 17.4719,
-3.9991

■ 2.6390, 7.5730,
-2.3144

■ 197.6240, 23.8494,
3.8378

■ 197.6240, 23.8494,
3.8378

■ 177.5670, 33.7375,
5.6417

■ 217.6810, 13.9613,
2.0338

■ 158.0970, 43.3362,
6.9309

■ 237.1510, 4.3626,
0.7446

■ 138.0400, 53.2243,
8.7349

■ 253.9740, -3.9312,
0.8998

■ 118.5700, 62.8230,
10.0241

■ 98.5130, 72.7111,
11.8281

■ 78.4560, 82.5992,
13.6321

■ 58.9860, 92.1979,
14.9213

■ 47.7780, 97.7234,
15.9807

Harmonies

Analogous

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



192.2500, 30.9357, -29.1603



197.6240, 23.8494, 3.8378



198.9990, 11.8325, 31.5729

Triad

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



197.6240, 23.8494, 3.8378



195.3690, -26.3109, 39.1414



179.9880, 7.8939, -58.7485

Complementary

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



197.6240, 23.8494, 3.8378



234.3760, -23.8494, -3.8378

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.



185.1470, -9.9325, -34.3319



197.6240, 23.8494, 3.8378



192.5530, -28.8666, 18.8090

Square

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



197.6240, 23.8494, 3.8378



197.3670, -16.4499, 49.6671



189.5820, -22.9649, -7.5264



178.0370, 23.6458, -71.0694

Rectangle

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



197.6240, 23.8494, 3.8378



199.2580, 2.3378, 43.6237



189.5820, -22.9649, -7.5264



181.7240, 1.6151, -51.5009

Sweetspot

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



197.6240, 23.8494, 3.8378



240.5470, 7.1253, 1.2743



218.6680, 13.4747, -28.6498



119.1510, 4.3626, 0.7446



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.



197.6240, 23.8494, 3.8378



195.4160, 29.3749, 4.8972



206.5940, 19.4272, 22.2811



112.2650, 4.7994, 0.6446



36.1540, 73.8741, 12.1429



11.5100, 23.4126, 3.9377

Inverse Universe

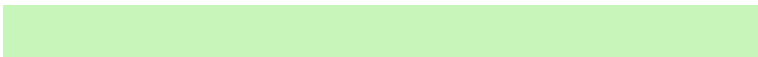
The Inverse Universe completely reimagines the original color for something new.



208.9560, 10.3747, 32.4876



209.2820, 12.6790, 40.0947



225.4060, -19.4272, -22.2811



114.6140, 2.1623, 6.4775



71.2320, 32.4236, 100.6515



22.5430, 10.0853, 31.9728

Previews

White Background



This preview shows how the YUV color 197.6240, 23.8494, 3.8378 looks on a white background.

Color Contrast Check

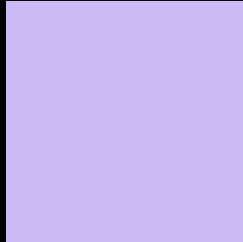
Large Text (above 18pt) WCAG AA × Fail

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 197.6240, 23.8494, 3.8378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

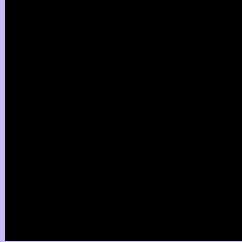
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.6240, 23.8494, 3.8378

Background



This preview shows how black text looks on a background with the YUV color 197.6240, 23.8494, 3.8378.



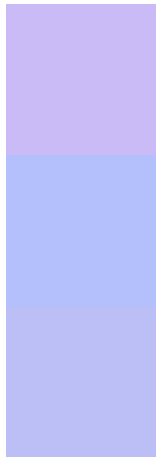
This preview shows how white text looks on a background with the YUV color 197.6240, 23.8494,

3.8378.

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

197.6240, 23.8494, 3.8378

Protanopia

195.1380, 27.5400, -13.2760

Deuteranopia

195.9600, 24.1767, -7.8579



Tritanopia

195.3080, 6.2572, -0.2701

Trichromacy



Original Color

197.6240, 23.8494, 3.8378

Protanomaly

196.1280, 26.0659, -7.1283

Deuteranomaly

196.2810, 24.0185, -3.7544

Tritanomaly

196.0400, 12.7983, 1.7189

Monochromacy



Original Color

197.6240, 23.8494, 3.8378

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.8890, 8.4357, 0.9743

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.6240, 23.8494, 3.8378 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(202, 186, 246)` looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 246)  
}
```

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(202, 186, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 246) }
```

Border

The CSS property to change the border of an element to YUV 197.6240, 23.8494, 3.8378 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(202, 186, 246) }
```


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

```
.border{ border-color:rgb(202, 186, 246) }
```

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

Here you see how a box with a 4 pixel rgb(202, 186, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 186, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 186, 246);  
box-shadow:4px 4px 4px 4px rgb(202, 186,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 197.6240, 23.8494, 3.8378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 246) }
```

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

```
.background{ background-color: rgb(202,  
186, 246) }
```

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