

# Converting Colors

YUV(173.2640, 13.1808,  
19.0625)

Have a look what the booklet for  
YUV(173.2640, 13.1808, 19.0625)  
contains.

<b>YUV(173.2640, 13.1808, 19.0625)</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(173.2640, 13.1808,  
19.0625)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C39DC8
RGB	195, 157, 200
RGB Percent	76%, 62%, 78%
CMY	0.2353, 0.3843, 0.2157
CMYK	0.03, 0.21, 0.00, 0.22
HSL	293°, 28%, 70%
HSV	293°, 21%, 78%
XYZ	44.9880, 39.8862, 59.9713
YIQ	173.2640, 8.8450, 21.4290

# Conversions

## Conversions Part 2

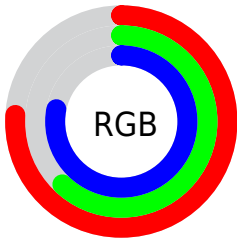
Format	Color
<a href="#">RYB</a>	<a href="#">195, 157, 200</a>
Decimal	<a href="#">12819912</a>
CIELab	<a href="#">69.39, 21.61, -16.72</a>
CIELCh	<a href="#">69, 27.323, 322.268</a>
Yxy	<a href="#">39.8862, 0.3106, 0.2754</a>
Android (android.graphics.Color)	<a href="#">4291009992 (0xFFC39DC8)</a>
YUV	<a href="#">173.2640, 13.1808, 19.0625</a>
Hunter-Lab	<a href="#">63.1555, 16.6300, -12.0918</a>

# Details

The YUV color  $173.2640, 13.1808, 19.0625$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $183.7360, -13.1808, -19.0625$ , and the grayscale version is  $173.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $228.8620, 12.8860, 20.2920$ , and  $120.4380, 12.6021, 18.0329$  is the 20% darker color. If you saturate the color by 10%, you get  $160.9260, 19.2635, 28.1289$ , and if you desaturate by 10%, it is  $185.6020, 7.0982, 9.9960$ .

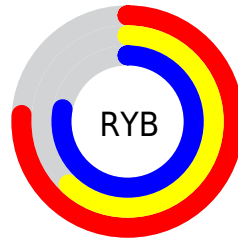
# Distribution



Red (76%)

Green (62%)

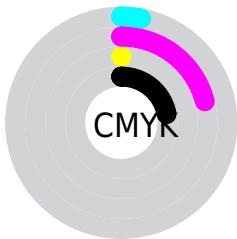
Blue (78%)



Red (76%)

Yellow (62%)

Blue (78%)

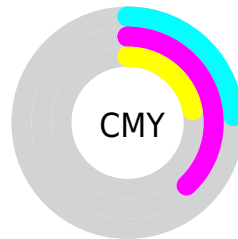


Cyan (3%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (38%)


Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 173.2640, 13.1808, 19.0625 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 173.2640, 13.1808, 19.0625 by changing the saturation by 10% instead.





 173.2640, 13.1808,  
19.0625


 173.2640, 13.1808,  
19.0625


255.0000, 0.0000,  
0.0000


 146.8510, 12.8915,  
18.5477

 228.8620, 12.8860,  
20.2920


 120.4380, 12.6021,  
18.0329

 246.1950, 4.3409,  
7.7220

 95.6120, 12.0233,  
17.0033

 71.7860, 11.4445,  
15.9737

 48.4870, 11.5919,  
15.3589

 26.6610, 11.0131,  
14.3293

 10.6670, 8.5452,

12.5700

■ 0.0000, 0.0000,  
0.0000

■ 173.2640, 13.1808,  
19.0625

■ 173.2640, 13.1808,  
19.0625

■ 160.9260, 19.2635,  
28.1289

■ 185.6020, 7.0982,  
9.9960

■ 148.2890, 25.4935,  
36.5805

■ 198.2390, 0.8682,  
1.5444

■ 135.9510, 31.5762,  
45.6470

■ 210.5770, -5.2145,  
-7.5220

■ 123.6130, 37.6588,  
54.7134

■ 222.9150,  
-11.2971, -16.5885

■ 110.9760, 43.8888,  
63.1650

■ 234.3780,  
-16.9484, -24.0105

98.6380, 49.9715,  
72.2315

234.9760,  
-17.2432, -22.7810

86.3000, 56.0541,  
81.2979

235.5740,  
-17.5380, -21.5514

75.7230, 61.2686,  
88.8199

236.4710,  
-17.9802, -19.7071

237.0690,  
-18.2750, -18.4775

# Harmonies

## Analogous

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



170.4010, 21.9873, -5.6137



173.2640, 13.1808, 19.0625



173.3880, 1.7807, 35.6167

# Triad

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



173.2640, 13.1808, 19.0625



168.9430, -23.6359, 21.0980



157.1440, 14.7190, -54.5003

# Complementary

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



173.2640, 13.1808, 19.0625



183.7360, -13.1808, -19.0625

# 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.



159.3770, 1.2931, -41.5496



173.2640, 13.1808, 19.0625



166.3920, -21.3923, 1.4102

# Square

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



173.2640, 13.1808, 19.0625



171.0680, -19.7535, 35.8974



163.2520, -12.4492, -20.3920



159.5710, 23.8755, -51.3668



# Rectangle

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



173.2640, 13.1808, 19.0625



172.3580, -6.0925, 40.9050



163.2520, -12.4492, -20.3920



157.4280, 10.6350, -51.2414

# Sweetspot

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



173.2640, 13.1808, 19.0625



245.5970, 4.6357, 6.4924



164.8370, 17.3354, -6.8730



122.1190, 2.8993, 3.4036



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.



173.2640, 13.1808, 19.0625



213.8660, 20.2791, 29.0585



172.9350, 5.4550, 23.7360



93.4180, 2.7519, 4.0184



61.6380, 49.9715, 72.2315



13.6720, 11.0077, 16.0737



# Inverse Universe

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



170.4270, -4.1545, 25.9355



209.5320, -6.6713, 39.8754



184.0650, -5.4550, -23.7360



92.8050, -0.8899, 5.4330



50.9030, -15.7282, 98.3091

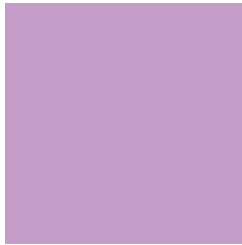


11.2200, -3.5595, 21.7321



# Previews

## White Background



This preview shows how the YUV color 173.2640, 13.1808, 19.0625 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

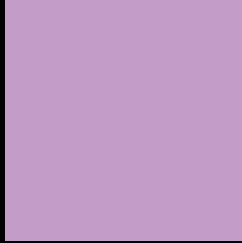
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.2640, 13.1808, 19.0625 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 173.2640, 13.1808, 19.0625 Background



This preview shows how black text looks on a background with the YUV color 173.2640, 13.1808, 19.0625.



This preview shows how white text looks on a background with the YUV color 173.2640, 13.1808,



# 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

173.2640, 13.1808, 19.0625

### Protanopia

170.3530, 18.0670, -8.2026

### Deuteranopia

171.4420, 13.0931, 0.4894



## Tritanopia

172.0390, 0.9668, 16.6288

# Trichromacy



## Original Color

173.2640, 13.1808, 19.0625

## Protanomaly

171.2510, 16.1453, 1.5339

## Deuteranomaly

172.1870, 13.2188, 6.8520

## Tritanomaly

172.1900, 5.3293, 17.3734

# Monochromacy



## Original Color

173.2640, 13.1808, 19.0625

## Achromatopsia

173.0000, 0.0000, 0.0000

## Achromatomaly

173.0100, 4.9251, 7.0072

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.2640, 13.1808, 19.0625 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(195, 157, 200)` looks like.

```
.text, #text, p{  
    color:rgb(195, 157, 200)  
}
```

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(195, 157, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 157, 200) }
```

## Border

The CSS property to change the border of an element to YUV 173.2640, 13.1808, 19.0625 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(195, 157, 200) }
```



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

```
.border{ border-color:rgb(195, 157, 200) }
```

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

Here you see how a box with a 4 pixel rgb(195, 157, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 157, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 157, 200);  
box-shadow:4px 4px 4px 4px rgb(195, 157,  
200) }
```

# Background

The CSS property to change the background color of an element to YUV 173.2640, 13.1808, 19.0625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 157, 200) }
```

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

```
.background{ background-color: rgb(195,  
157, 200) }
```

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