

Converting Colors

YUV(174.5850, 13.0226,
23.1660)

Have a look what the booklet for
YUV(174.5850, 13.0226, 23.1660)
contains.

YUV(174.5850, 13.0226, 23.1660)	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(174.5850, 13.0226,
23.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	C99CC9
RGB	201, 156, 201
RGB Percent	79%, 61%, 79%
CMY	0.2118, 0.3882, 0.2118
CMYK	0.00, 0.22, 0.00, 0.21
HSL	300°, 29%, 70%
HSV	300°, 22%, 79%
XYZ	46.5185, 40.4115, 60.6067
YIQ	174.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

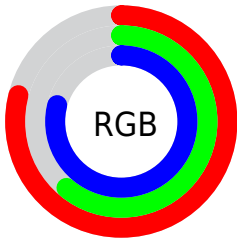
Format	Color
R _Y B	201, 156, 201
Decimal	13212873
CIE Lab	69.76, 24.37, -16.65
CIE LCh	70, 29.518, 325.652
Yxy	40.4115, 0.3153, 0.2739
Android (android.graphics.Color)	4291402953 (0xFFC99CC9)
YUV	174.5850, 13.0226, 23.1660
Hunter-Lab	63.5700, 19.3729, -12.0272

Details

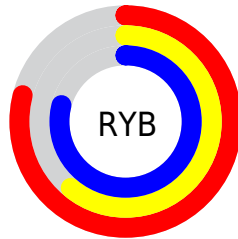
The YUV color **174.5850, 13.0226, 23.1660** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **182.4150, -13.0226, -23.1660**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1720, 12.7332, 22.6512**, and **121.4600, 12.5912, 21.5216** is the 20% darker color. If you saturate the color by 10%, you get **162.8450, 18.8104, 33.4619**, and if you desaturate by 10%, it is **186.3250, 7.2348, 12.8700**.

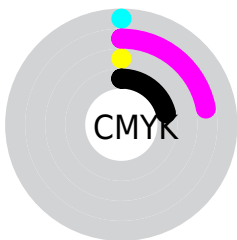
Distribution



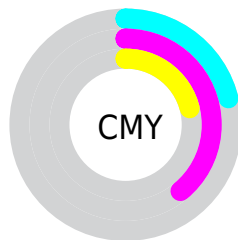
- Red (79%)
- Green (61%)
- Blue (79%)



- Red (79%)
- Yellow (61%)
- Blue (79%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 174.5850, 13.0226, 23.1660 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 174.5850, 13.0226, 23.1660 by changing the saturation by 10% instead.


 174.5850, 13.0226,
23.1660


 174.5850, 13.0226,
23.1660


255.0000, 0.0000,
0.0000


 147.8730, 12.8806,
22.0364


 229.1720, 12.7332,
22.6512


 121.4600, 12.5912,
21.5216

 245.6080, 4.6303,
8.2368

 96.6340, 12.0124,
20.4920

 72.2210, 11.7230,
19.9772

 49.3950, 11.1443,
18.9476

 26.7970, 11.4391,
17.7180

 12.2760, 8.2449,

15.5439

■ 0.0000, 0.0000,
0.0000

■ 174.5850, 13.0226,
23.1660

■ 174.5850, 13.0226,
23.1660

■ 162.8450, 18.8104,
33.4619

■ 186.3250, 7.2348,
12.8700

■ 151.1050, 24.5982,
43.7579

■ 198.0650, 1.4470,
2.5740

■ 139.3650, 30.3861,
54.0539

■ 209.8050, -4.3409,
-7.7220

■ 127.6250, 36.1739,
64.3499

■ 221.5450,
-10.1287, -18.0180

■ 115.8850, 41.9617,
74.6459

■ 232.6980,
-15.6271, -27.7991

■ 103.5580, 48.0389,
85.4566

■ 91.8180, 53.8267,
95.7526

■ 83.0130, 58.1676,
103.4746

Harmonies

Analogous

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



172.3520, 22.9975, -2.9397



174.5850, 13.0226, 23.1660



174.3670, 0.3121, 40.0201

Triad

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



174.5850, 13.0226, 23.1660



169.0740, -25.6725, 20.9831



156.3110, 18.0877, -61.6627

Complementary

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



174.5850, 13.0226, 23.1660



182.4150, -13.0226, -23.1660

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.



158.5010, 3.2040, -47.7974



174.5850, 13.0226, 23.1660



166.5550, -21.9656, -1.3637

Square

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



174.5850, 13.0226, 23.1660



171.2100, -21.7955, 37.5268



162.7460, -11.7068, -25.2102



159.3470, 26.9439, -55.5553

Rectangle

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



174.5850, 13.0226, 23.1660



173.5110, -8.1399, 44.2789



162.7460, -11.7068, -25.2102



156.4810, 13.5669, -58.3038

Sweetspot

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



174.5850, 13.0226, 23.1660



244.4340, 5.2090, 9.2664



161.1300, 19.6559, -4.4990



121.5430, 3.1833, 5.6628



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.



174.5850, 13.0226, 23.1660



214.4970, 19.9680, 35.5211



172.0770, 3.4130, 25.3655



93.7170, 2.6045, 4.6332



67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Inverse Universe

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



174.5850, 13.0226, 23.1660



214.4970, 19.9680, 35.5211



185.0370, -2.9762, -25.4654



93.7170, 2.6045, 4.6332



67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 174.5850, 13.0226, 23.1660 looks on a white background.

Color Contrast Check

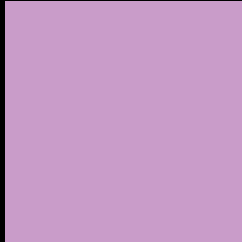
Large Text (above 18pt) WCAG AA × Fail

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 174.5850, 13.0226, 23.1660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

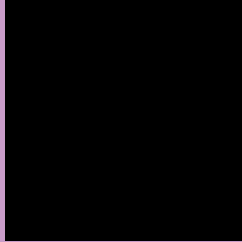
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.5850, 13.0226, 23.1660

Background



This preview shows how black text looks on a background with the YUV color 174.5850, 13.0226, 23.1660.



This preview shows how white text looks on a background with the YUV color 174.5850, 13.0226, 23.1660.

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

174.5850, 13.0226, 23.1660

Protanopia

171.2820, 19.0880, -9.0173

Deuteranopia

172.7410, 12.9457, 1.1041



Tritanopia

173.1320, -0.0651, 20.9322

Trichromacy



Original Color

174.5850, 13.0226, 23.1660

Protanomaly

172.4900, 17.0134, 3.0783

Deuteranomaly

173.4970, 13.0660, 9.2111

Tritanomaly

173.3970, 4.7343, 21.5768

Monochromacy



Original Color

174.5850, 13.0226, 23.1660

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5850, 13.0226, 23.1660 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(201, 156, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 201)  
}
```

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(201, 156, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 201) }
```

Border

The CSS property to change the border of an element to YUV 174.5850, 13.0226, 23.1660 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(201, 156, 201) }
```


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

```
.border{ border-color:rgb(201, 156, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 156, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 174.5850, 13.0226, 23.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 201) }
```

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

```
.background{ background-color: rgb(201,  
156, 201) }
```

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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