

Converting Colors

YUV(123.8910, 22.7317,
82.5336)

Have a look what the booklet for
YUV(123.8910, 22.7317, 82.5336)
contains.

YUV(123.8910, 22.7317, 82.5336)	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(123.8910, 22.7317,
82.5336)**

Conversions

Conversions Part 1

Format	Color
Hex	DA43AA
RGB	218, 67, 170
RGB Percent	85%, 26%, 67%
CMY	0.1451, 0.7373, 0.3333
CMYK	0.00, 0.69, 0.22, 0.15
HSL	319°, 67%, 56%
HSV	319°, 69%, 85%
XYZ	38.1763, 21.8220, 40.2302
YIQ	123.8910, 56.9330, 64.0450

Conversions

Conversions Part 2

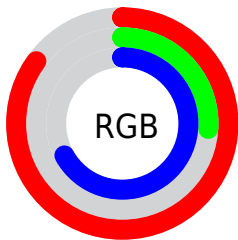
Format	Color
R _Y B	218, 67, 170
Decimal	14304170
CIE Lab	53.84, 67.89, -23.10
CIE LCh	54, 71.711, 341.205
Yxy	21.8220, 0.3809, 0.2177
Android (android.graphics.Color)	4292494250 (0xFFDA43AA)
YUV	123.8910, 22.7317, 82.5336
Hunter-Lab	46.7140, 64.1267, -18.3608

Details

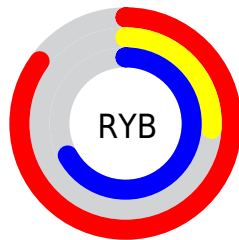
The YUV color **123.8910, 22.7317, 82.5336** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **161.1090, -22.7317, -82.5336**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8570, 24.2275, 69.4084**, and **60.9930, 28.1045, 85.9521** is the 20% darker color. If you saturate the color by 10%, you get **110.1790, 26.0408, 94.5590**, and if you desaturate by 10%, it is **137.6030, 19.4227, 70.5082**.

Distribution



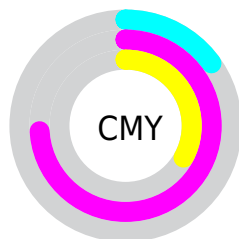
- Red (85%)
- Green (26%)
- Blue (67%)



- Red (85%)
- Yellow (26%)
- Blue (67%)



- Cyan (0%)
- Magenta (69%)
- Yellow (22%)
- Black (15%)





- Cyan (15%)
- Magenta (74%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.8910, 22.7317, 82.5336 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 123.8910, 22.7317, 82.5336 by changing the saturation by 10% instead.


 123.8910, 22.7317,
82.5336


 123.8910, 22.7317,
82.5336


255.0000, 0.0000,
0.0000


 90.7110, 25.7785,
85.3225


 175.8570, 24.2275,
69.4084


 60.9930, 28.1045,
85.9521

 196.1860, 28.5023,
51.5799


 49.4720, 21.4593,
70.6231


 213.3230, 20.5468,
36.5507

 38.3640, 15.1035,
55.8088

 230.3460, 12.1544,
21.6216

 27.6690, 9.0372,
41.5093

 247.9560, 3.4727,
6.1776

 16.9030, 3.9918,
26.3951

 0.0000, 0.0000,

0.0000

■ 123.8910, 22.7317,
82.5336

■ 123.8910, 22.7317,
82.5336

■ 110.1790, 26.0408,
94.5590

■ 137.6030, 19.4227,
70.5082

■ 96.4670, 29.3498,
106.5844

■ 151.3150, 16.1137,
58.4827

■ 83.3420, 32.3694,
118.0951

■ 164.4400, 13.0941,
46.9721

■ 82.1680, 32.9482,
119.1247

■ 178.1520, 9.7851,
34.9467

■ 191.8640, 6.4760,
22.9213

■ 205.5760, 3.1670,
10.8958

■ 219.2880, -0.1420,
-1.1296

■ 232.2990, -3.5984,
-12.5402

■ 241.3150, -4.5923,
-20.4473

Harmonies

Analogous

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



131.6630, 45.0291, 23.9745



123.8910, 22.7317, 82.5336



115.4600, -3.6778, 106.5906

Triad

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



123.8910, 22.7317, 82.5336



118.1370, -58.2415, 13.9119



114.2240, 46.7246, -100.1744

Complementary

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



123.8910, 22.7317, 82.5336



161.1090, -22.7317, -82.5336

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.



108.7860, 20.8115, -95.4053



123.8910, 22.7317, 82.5336



106.2380, -44.9803, -39.6737

Square

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



123.8910, 22.7317, 82.5336



120.7710, -59.5401, 57.2058



100.2020, -7.0016, -87.8772



113.7460, 65.2012, -99.7552

Rectangle

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



123.8910, 22.7317, 82.5336



118.0250, -24.1693, 99.0791



100.2020, -7.0016, -87.8772



112.8730, 39.0096, -98.9896

Sweetspot

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



123.8910, 22.7317, 82.5336



221.3640, 8.2015, 29.4988



98.5660, 58.8810, 14.4126



107.9620, 4.4557, 17.5733



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.



123.8910, 22.7317, 82.5336



122.9180, 32.0854, 115.8359



115.3410, -10.0281, 90.0319



103.0870, 1.4361, 6.0627



65.1790, 26.0408, 94.5590



17.2880, 6.7600, 25.1804

Inverse Universe

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



123.8910, 22.7317, 82.5336



122.9180, 32.0854, 115.8359



169.6590, 10.0281, -90.0319



103.0870, 1.4361, 6.0627



65.1790, 26.0408, 94.5590



17.2880, 6.7600, 25.1804

Previews

White Background



This preview shows how the YUV color 123.8910, 22.7317, 82.5336 looks on a white background.

Color Contrast Check

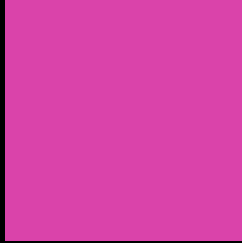
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.8910, 22.7317, 82.5336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

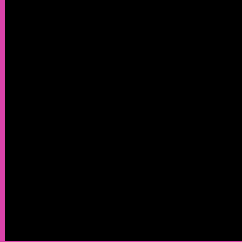
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.8910, 22.7317, 82.5336

Background



This preview shows how black text looks on a background with the YUV color 123.8910, 22.7317, 82.5336.



This preview shows how white text looks on a background with the YUV color 123.8910, 22.7317, 82.5336.

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

123.8910, 22.7317, 82.5336

Protanopia

126.0940, 44.3237, -29.9004

Deuteranopia

130.2780, 15.1459, -4.6288



Tritanopia

126.0480, -15.7997, 74.5029

Trichromacy



Original Color

123.8910, 22.7317, 82.5336



Protanomaly

125.5830, 36.1946, 10.8897



Deuteranomaly

127.8720, 17.8111, 27.2993



Tritanomaly

125.4410, -1.6964, 77.6662

Monochromacy



Original Color

123.8910, 22.7317, 82.5336



Achromatopsia

124.0000, 0.0000, 0.0000



Achromatomaly

123.7770, 8.4909, 30.0136

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8910, 22.7317, 82.5336 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(218, 67, 170)` looks like.

```
.text, #text, p{  
    color:rgb(218, 67, 170)  
}
```

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(218, 67, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 67, 170) }
```

Border

The CSS property to change the border of an element to YUV 123.8910, 22.7317, 82.5336 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(218, 67, 170) }
```


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

```
.border{ border-color:rgb(218, 67, 170) }
```

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

Here you see how a box with a 4 pixel rgb(218, 67, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 67, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 67, 170);  
box-shadow:4px 4px 4px 4px rgb(218, 67,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 123.8910, 22.7317, 82.5336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 67, 170) }
```

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

```
.background{ background-color: rgb(218, 67,  
170) }
```

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