

Converting Colors

YUV(99.6250, 22.8629, 87.1519)

Have a look what the booklet for
YUV(99.6250, 22.8629, 87.1519)
contains.

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Color

**YUV(99.6250, 22.8629,
87.1519)**

Conversions

Conversions Part 1

Format	Color
Hex	C72892
RGB	199, 40, 146
RGB Percent	78%, 16%, 57%
CMY	0.2196, 0.8431, 0.4275
CMYK	0.00, 0.80, 0.27, 0.22
HSL	320°, 67%, 47%
HSV	320°, 80%, 78%
XYZ	29.5003, 15.7350, 28.6765
YIQ	99.6250, 60.7380, 66.6740

Conversions

Conversions Part 2

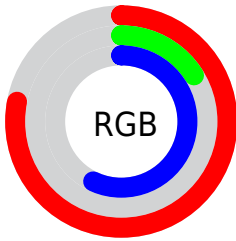
Format	Color
R_{YB}	199, 40, 146
Decimal	13052050
CIE _{Lab}	46.62, 68.60, -20.23
CIE _{LCh}	47, 71.516, 343.572
Yxy	15.7350, 0.3991, 0.2129
Android (android.graphics.Color)	4291242130 (0xFFC72892)
YUV	99.6250, 22.8629, 87.1519
Hunter-Lab	39.6674, 63.3309, -15.0949

Details

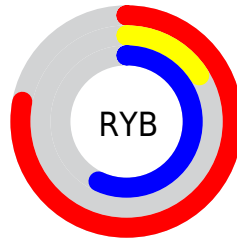
The YUV color **99.6250, 22.8629, 87.1519** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **139.3750, -22.8629, -87.1519**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0930, 19.6742, 83.2334**, and **52.6900, 20.8588, 76.5709** is the 20% darker color. If you saturate the color by 10%, you get **87.0870, 25.5931, 98.1477**, and if you desaturate by 10%, it is **112.1630, 20.1326, 76.1560**.

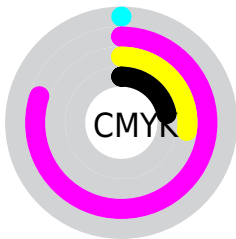
Distribution



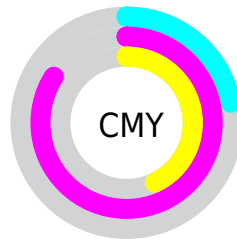
- Red (78%)
- Green (16%)
- Blue (57%)



- Red (78%)
- Yellow (16%)
- Blue (57%)



- Cyan (0%)
- Magenta (80%)
- Yellow (27%)
- Black (22%)





- Cyan (22%)
- Magenta (84%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.6250, 22.8629, 87.1519 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 99.6250, 22.8629, 87.1519 by changing the saturation by 10% instead.


 99.6250, 22.8629,
87.1519


 99.6250, 22.8629,
87.1519


255.0000, 0.0000,
0.0000


 64.2110, 27.5040,
91.9000


 160.0930, 19.6742,
83.2334


 52.6900, 20.8588,
76.5709


 180.3080, 23.5122,
65.5049


 41.5820, 14.5031,
61.7566


 200.4090, 26.9134,
47.8763

 30.7020, 9.0209,
46.7423

 217.4320, 18.5210,
32.9471

 20.2350, 3.8281,
32.2429

 234.4550, 10.1287,
18.0180

 6.8770, -3.3904,
14.1399

 252.0650, 1.4470,

 0.0000, 0.0000,

2.5740

0.0000

■ 99.6250, 22.8629,
87.1519

■ 99.6250, 22.8629,
87.1519

■ 87.0870, 25.5931,
98.1477

■ 112.1630, 20.1326,
76.1560

■ 74.6630, 28.7601,
109.0435

■ 124.5870, 16.9656,
65.2602

■ 137.1250, 14.2354,
54.2644

■ 149.6630, 11.5051,
43.2685

■ 162.0870, 8.3381,
32.3727

■ 174.0380, 5.8973,
21.8917

■ 186.4620, 2.7302,
10.9958

■ 199.0000, 0.0000,
0.0000

■ 211.5380, -2.7302,
-10.9958

Harmonies

Analogous

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



112.4140, 42.6869, 28.5779



99.6250, 22.8629, 87.1519



89.6390, -1.7940, 109.0646

Triad

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



99.6250, 22.8629, 87.1519



100.6830, -49.6367, 7.2940



101.2470, 45.2342, -88.7936

Complementary

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



99.6250, 22.8629, 87.1519



139.3750, -22.8629, -87.1519

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.



95.4500, 20.4842, -83.7096



99.6250, 22.8629, 87.1519



83.2090, -41.0220, -49.2953

Square

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



99.6250, 22.8629, 87.1519



103.9040, -51.2247, 50.0732



87.0940, -6.4553, -76.3814



100.4270, 62.4005, -88.0745

Rectangle

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



99.6250, 22.8629, 87.1519



97.0030, -24.1585, 95.5904



87.0940, -6.4553, -76.3814



99.8960, 37.5193, -87.6088

Sweetspot

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



99.6250, 22.8629, 87.1519



216.9130, 8.9169, 33.4023



73.9730, 61.6383, 16.6867



104.7990, 5.0291, 20.3473



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.



99.6250, 22.8629, 87.1519



101.8370, 35.0834, 134.3240



90.6190, -11.6442, 95.0501



93.3750, 1.2941, 4.9331



61.1630, 23.5836, 89.3110



13.5000, 5.1765, 19.7325

Inverse Universe

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



99.6250, 22.8629, 87.1519



101.8370, 35.0834, 134.3240



148.3810, 11.6442, -95.0501



93.3750, 1.2941, 4.9331



61.1630, 23.5836, 89.3110



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 99.6250, 22.8629, 87.1519 looks on a white 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

Black Background



This preview shows how the YUV color 99.6250, 22.8629, 87.1519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

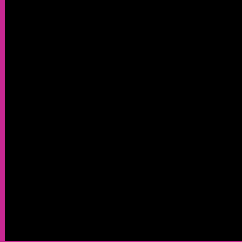
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.6250, 22.8629, 87.1519

Background



This preview shows how black text looks on a background with the YUV color 99.6250, 22.8629, 87.1519.



This preview shows how white text looks on a background with the YUV color 99.6250, 22.8629,

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

99.6250, 22.8629, 87.1519

Protanopia

107.3710, 44.1871, -32.7744

Deuteranopia

112.1920, 12.2303, -2.7994



Tritanopia

105.0160, -17.2629, 77.1620

Trichromacy



Original Color

99.6250, 22.8629, 87.1519

Protanomaly

104.5830, 36.1946, 10.8897

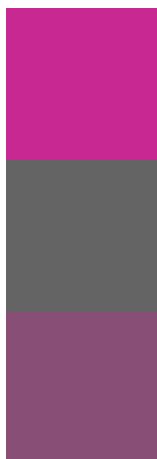
Deuteranomaly

107.7260, 15.9111, 30.0583

Tritanomaly

102.9360, -2.4334, 80.7401

Monochromacy



Original Color

99.6250, 22.8629, 87.1519

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.7880, 8.4855, 31.7579

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.6250, 22.8629, 87.1519 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(199, 40, 146)` looks like.

```
.text, #text, p{  
    color:rgb(199, 40, 146)  
}
```

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(199, 40, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 40, 146) }
```

Border

The CSS property to change the border of an element to YUV 99.6250, 22.8629, 87.1519 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(199, 40, 146) }
```


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

```
.border{ border-color:rgb(199, 40, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 40, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 40, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 40, 146);  
box-shadow:4px 4px 4px 4px rgb(199, 40,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 99.6250, 22.8629, 87.1519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 40, 146) }
```

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

```
.background{ background-color: rgb(199, 40,  
146) }
```

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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