

Converting Colors

YUV(82.5390, 23.3983,
102.1363)

Have a look what the booklet for
YUV(82.5390, 23.3983, 102.1363)
contains.

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Color

**YUV(82.5390, 23.3983,
102.1363)**

Conversions

Conversions Part 1

Format	Color
Hex	C70E82
RGB	199, 14, 130
RGB Percent	78%, 5%, 51%
CMY	0.2196, 0.9451, 0.4902
CMYK	0.00, 0.93, 0.35, 0.22
HSL	322°, 87%, 42%
HSV	322°, 93%, 78%
XYZ	27.7395, 14.0679, 22.3724
YIQ	82.5390, 73.0240, 75.2960

Conversions

Conversions Part 2

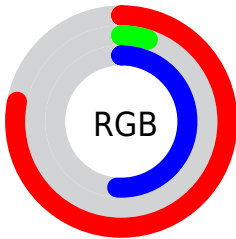
Format	Color
R_{YB}	199, 14, 130
Decimal	13045378
CIE _{Lab}	44.33, 71.61, -14.00
CIE _{LCh}	44, 72.970, 348.938
Yxy	14.0679, 0.4322, 0.2192
Android (android.graphics.Color)	4291235458 (0xFFC70E82)
YUV	82.5390, 23.3983, 102.1363
Hunter-Lab	37.5072, 66.3771, -9.1105

Details

The YUV color **82.5390, 23.3983, 102.1363** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **130.4610, -23.3983, -102.1363**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5240, 16.0107, 91.6255**, and **51.0940, 14.7437, 77.9706** is the 20% darker color. If you saturate the color by 10%, you get **73.7510, 25.2658, 109.8434**, and if you desaturate by 10%, it is **95.0770, 20.6680, 91.1405**.

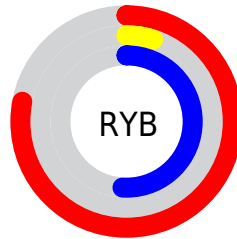
Distribution



Red (78%)

Green (5%)

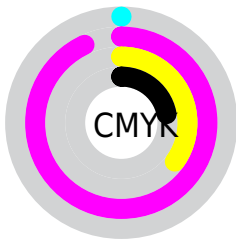
Blue (51%)



Red (78%)

Yellow (5%)

Blue (51%)

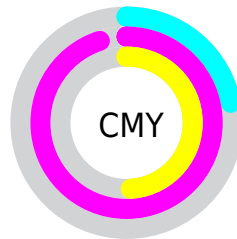


Cyan (0%)

Magenta (93%)

Yellow (35%)

Black (22%)



Cyan (22%)


Magenta (95%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.5390, 23.3983, 102.1363 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 82.5390, 23.3983, 102.1363 by changing the saturation by 10% instead.


 82.5390, 23.3983,
102.1363


 82.5390, 23.3983,
102.1363

255.0000, 0.0000,
0.0000


 62.5010, 20.9520,
93.3996


 150.5240, 16.0107,
91.6255


 51.0940, 14.7437,
77.9706


 171.3260, 19.5593,
73.3821


 39.5020, 9.1195,
61.8267


 191.5410, 23.3973,
55.6535

 28.6220, 3.6374,
46.8125

 210.9750, 21.7043,
38.6099

 17.5140, -2.7184,
31.9982

 227.9980, 13.3120,
23.6808

 3.2890, -1.6215,
6.7625

 245.6080, 4.6303,

 0.0000, 0.0000,

8.2368

0.0000

■ 82.5390, 23.3983,
102.1363

■ 82.5390, 23.3983,
102.1363

■ 73.7510, 25.2658,
109.8434

■ 95.0770, 20.6680,
91.1405

■ 107.7290, 18.3746,
80.0447

■ 120.2670, 15.6444,
69.0488

■ 132.9190, 13.3509,
57.9530

■ 145.4570, 10.6207,
46.9572

■ 157.5220, 8.6167,
36.3762

■ 170.0600, 5.8864,
25.3804

■ 182.5980, 3.1562,
14.3846

■ 195.2500, 0.8628,
3.2887

Harmonies

Analogous

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



105.1060, 39.8807, 42.0030



82.5390, 23.3983, 102.1363



78.0910, -3.9889, 113.0532

Triad

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



82.5390, 23.3983, 102.1363



94.4260, -46.5520, -2.1276



97.4800, 48.5704, -85.4900

Complementary

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



82.5390, 23.3983, 102.1363



130.4610, -23.3983, -102.1363

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.



92.6120, 24.8413, -81.2207



82.5390, 23.3983, 102.1363



72.9020, -35.4477, -63.9351

Square

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



82.5390, 23.3983, 102.1363



98.8320, -48.7242, 41.3663



84.7290, -2.8244, -74.3073



95.6170, 64.2788, -83.8561

Rectangle

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



82.5390, 23.3983, 102.1363



90.7870, -29.9680, 92.2718



84.7290, -2.8244, -74.3073



96.2430, 41.2922, -84.4051

Sweetspot

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



82.5390, 23.3983, 102.1363



210.2450, 8.7532, 39.2501



55.4220, 70.7840, 23.3089



100.2340, 5.3076, 24.3508



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.



82.5390, 23.3983, 102.1363



94.4850, 32.2989, 140.7717



72.1650, -16.3503, 111.2343



93.3750, 1.2941, 4.9331



60.3650, 20.5261, 90.0109



13.2720, 4.3029, 19.9325

Inverse Universe

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



82.5390, 23.3983, 102.1363



94.4850, 32.2989, 140.7717



140.8350, 16.3503, -111.2343



93.3750, 1.2941, 4.9331



60.3650, 20.5261, 90.0109



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 82.5390, 23.3983, 102.1363 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

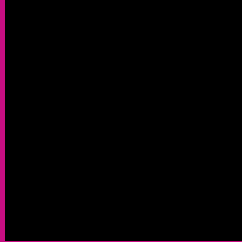
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.5390, 23.3983, 102.1363

Background



This preview shows how black text looks on a background with the YUV color 82.5390, 23.3983, 102.1363.



This preview shows how white text looks on a background with the YUV color 82.5390, 23.3983,

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

82.5390, 23.3983, 102.1363

Protanopia

103.0680, 40.3925, -29.0006

Deuteranopia

107.7320, 6.5411, 1.9890



Tritanopia

94.8000, -19.6214, 86.9984

Trichromacy



Original Color

82.5390, 23.3983, 102.1363

Protanomaly

95.4700, 34.2783, 18.8818

Deuteranomaly

98.2710, 12.6844, 38.3503

Tritanomaly

90.2580, -4.0712, 92.7357

Monochromacy



Original Color

82.5390, 23.3983, 102.1363

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8210, 8.4692, 36.9910

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.5390, 23.3983, 102.1363 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, 14, 130)` looks like.

```
.text, #text, p{  
    color:rgb(199, 14, 130)  
}
```

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, 14, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 14, 130) }
```

Border

The CSS property to change the border of an element to YUV 82.5390, 23.3983, 102.1363 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, 14, 130) }
```


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

```
.border{ border-color:rgb(199, 14, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 14, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 14, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 14, 130);  
box-shadow:4px 4px 4px 4px rgb(199, 14,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 82.5390, 23.3983, 102.1363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 14, 130) }
```

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

```
.background{ background-color: rgb(199, 14,  
130) }
```

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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