

Converting Colors

YUV(109.2310, 10.2391,
76.0964)

Have a look what the booklet for
YUV(109.2310, 10.2391, 76.0964)
contains.

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Color

**YUV(109.2310, 10.2391,
76.0964)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C43D82 |
| RGB | 196, 61, 130 |
| RGB Percent | 77%, 24%, 51% |
| CMY | 0.2314, 0.7608, 0.4902 |
| CMYK | 0.00, 0.69, 0.34, 0.23 |
| HSL | 329°, 53%, 50% |
| HSV | 329°, 69%, 77% |
| XYZ | 28.4630, 16.6850, 22.8394 |
| YIQ | 109.2310, 58.3110, 50.0790 |

Conversions

Conversions Part 2

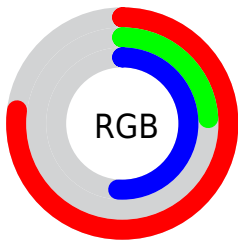
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 196, 61, 130 |
| Decimal | 12860802 |
| CIE Lab | 47.86, 59.26, -8.73 |
| CIE LCh | 48, 59.895, 351.620 |
| Yxy | 16.6850, 0.4187, 0.2454 |
| Android (android.graphics.Color) | 4291050882 (0xFFC43D82) |
| YUV | 109.2310, 10.2391, 76.0964 |
| Hunter-Lab | 40.8472, 52.8988, -4.5585 |

Details

The YUV color **109.2310, 10.2391, 76.0964** 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 **147.7690, -10.2391, -76.0964**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3730, 8.1971, 77.7259**, and **50.4960, 15.0385, 76.7410** is the 20% darker color. If you saturate the color by 10%, you get **96.3510, 11.6590, 87.3922**, and if you desaturate by 10%, it is **122.1110, 8.8193, 64.8007**.

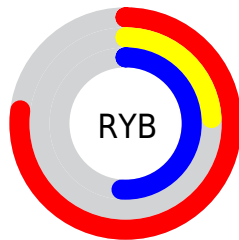
Distribution



Red (77%)

Green (24%)

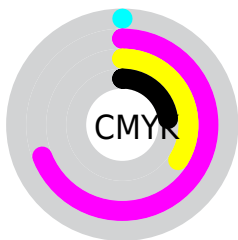
Blue (51%)



Red (77%)

Yellow (24%)

Blue (51%)

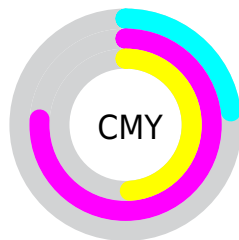


Cyan (0%)

Magenta (69%)

Yellow (34%)

Black (23%)



Cyan (23%)


Magenta (76%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.2310, 10.2391, 76.0964 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 109.2310, 10.2391, 76.0964 by changing the saturation by 10% instead.


 109.2310, 10.2391,
76.0964


 109.2310, 10.2391,
76.0964


255.0000, 0.0000,
0.0000


 78.3390, 13.1439,
77.7557

 166.3730, 8.1971,
77.7259


 50.4960, 15.0385,
76.7410


 186.0010, 12.3245,
60.5121


 39.2030, 9.2669,
61.2120


 205.6290, 16.4519,
43.2984

 28.3230, 3.7848,
46.1977

 224.4760, 15.0483,
26.7695

 18.3400, -2.1396,
33.0278

 241.4990, 6.6560,
11.8404

 5.0830, -2.5059,
10.4512

 0.0000, 0.0000,

0.0000

■ 109.2310, 10.2391,
76.0964

■ 109.2310, 10.2391,
76.0964

■ 96.3510, 11.6590,
87.3922

■ 122.1110, 8.8193,
64.8007

■ 84.1720, 13.2262,
98.0732

■ 134.2900, 7.2520,
54.1197

■ 71.2920, 14.6460,
109.3689

■ 147.1700, 5.8322,
42.8239

■ 70.0040, 14.7880,
110.4985

■ 159.3490, 4.2649,
32.1429

■ 172.2290, 2.8451,
20.8472

■ 184.9950, 0.9885,
9.6514

■ 197.2880, -0.1420,
-1.1296

■ 210.1680, -1.5618,
-12.4253

■ 222.3470, -3.1291,
-23.1063

Harmonies

Analogous

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



116.1520, 29.9981, 38.4547



109.2310, 10.2391, 76.0964



106.4990, -13.0640, 83.7544

Triad

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



109.2310, 10.2391, 76.0964



102.1120, -50.3412, -0.0982



99.9590, 45.3762, -87.6640

Complementary

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



109.2310, 10.2391, 76.0964



147.7690, -10.2391, -76.0964

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.



96.8180, 25.7257, -84.9094



109.2310, 10.2391, 76.0964



89.9150, -21.6501, -56.0535

Square

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



109.2310, 10.2391, 76.0964



106.7730, -52.6391, 37.0331



90.8900, 3.0122, -79.7105



97.1840, 57.5903, -85.2304

Rectangle

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



109.2310, 10.2391, 76.0964



108.0790, -29.6189, 73.5987



90.8900, 3.0122, -79.7105



99.7650, 39.5559, -87.4939

Sweetspot

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



109.2310, 10.2391, 76.0964



220.3380, 4.2704, 30.3986



95.8250, 49.3863, 26.4635



107.3920, 2.2717, 18.0732



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.



109.2310, 10.2391, 76.0964



118.8140, 16.3607, 119.4351



101.5930, -19.0263, 82.7949



90.5600, 0.7099, 5.6479



57.4870, 12.0849, 90.7809



11.8050, 2.5611, 18.5880

Inverse Universe

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



109.2310, 10.2391, 76.0964



118.8140, 16.3607, 119.4351



155.4070, 19.0263, -82.7949



90.5600, 0.7099, 5.6479



57.4870, 12.0849, 90.7809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 109.2310, 10.2391, 76.0964 looks on a white background.

Color Contrast Check

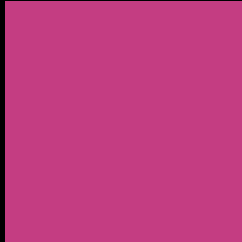
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.2310, 10.2391, 76.0964 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 109.2310, 10.2391, 76.0964 Background



This preview shows how black text looks on a background with the YUV color 109.2310, 10.2391, 76.0964.



This preview shows how white text looks on a background with the YUV color 109.2310, 10.2391, 76.0964.

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

109.2310, 10.2391, 76.0964

Protanopia

114.1440, 25.0720, -15.0353

Deuteranopia

115.3580, 3.7675, 4.9480



Tritanopia

109.8520, -15.2100, 72.0438

Trichromacy



Original Color

109.2310, 10.2391, 76.0964

Protanomaly

112.2730, 19.5854, 18.1776

Deuteranomaly

113.2070, 6.3069, 30.5135

Tritanomaly

109.3820, -5.6113, 73.3330

Monochromacy



Original Color

109.2310, 10.2391, 76.0964

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.5010, 3.6970, 27.6246

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2310, 10.2391, 76.0964 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(196, 61, 130)` looks like.

```
.text, #text, p{  
    color:rgb(196, 61, 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(196, 61, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 61, 130) }
```

Border

The CSS property to change the border of an element to YUV 109.2310, 10.2391, 76.0964 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(196, 61, 130) }
```


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

```
.border{ border-color:rgb(196, 61, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 61, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 61, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 61, 130);  
box-shadow:4px 4px 4px 4px rgb(196, 61,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 109.2310, 10.2391, 76.0964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 61, 130) }
```

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

```
.background{ background-color: rgb(196, 61,  
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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