

Converting Colors

YUV(76.4140, 22.9669,
100.4919)

Have a look what the booklet for
YUV(76.4140, 22.9669, 100.4919)
contains.

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Color

**YUV(76.4140, 22.9669,
100.4919)**

Conversions

Conversions Part 1

Format	Color
Hex	BF097B
RGB	191, 9, 123
RGB Percent	75%, 4%, 48%
CMY	0.2510, 0.9647, 0.5176
CMYK	0.00, 0.95, 0.36, 0.25
HSL	322°, 91%, 39%
HSV	322°, 95%, 75%
XYZ	25.1587, 12.7018, 19.8646
YIQ	76.4140, 71.8780, 74.0380

Conversions

Conversions Part 2

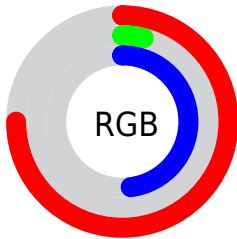
Format	Color
R _Y B	191, 9, 123
Decimal	12519803
CIE Lab	42.31, 69.70, -12.90
CIE LCh	42, 70.881, 349.516
Yxy	12.7018, 0.4358, 0.2200
Android (android.graphics.Color)	4290709883 (0xFFBF097B)
YUV	76.4140, 22.9669, 100.4919
Hunter-Lab	35.6396, 63.6374, -8.0990

Details

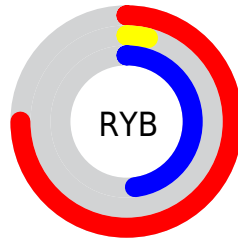
The YUV color **76.4140, 22.9669, 100.4919** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **123.5860, -22.9669, -100.4919**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.9540, 13.8267, 92.1253**, and **47.9040, 12.8653, 73.7522** is the 20% darker color. If you saturate the color by 10%, you get **70.7890, 24.2610, 105.4250**, and if you desaturate by 10%, it is **88.3650, 20.5261, 90.0109**.

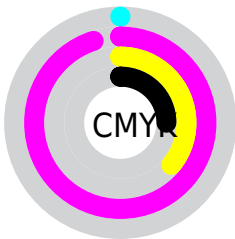
Distribution



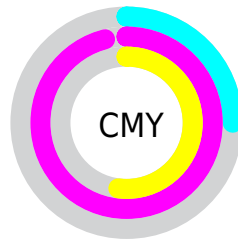
- Red (75%)
- Green (4%)
- Blue (48%)



- Red (75%)
- Yellow (4%)
- Blue (48%)



- Cyan (0%)
- Magenta (95%)
- Yellow (36%)
- Black (25%)





- Cyan (25%)
- Magenta (96%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.4140, 22.9669, 100.4919 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 76.4140, 22.9669, 100.4919 by changing the saturation by 10% instead.


 76.4140, 22.9669,
100.4919


 76.4140, 22.9669,
100.4919


255.0000, 0.0000,
0.0000


 59.3110, 19.0737,
89.1813


 146.9540, 13.8267,
92.1253


 47.9040, 12.8653,
73.7522


 168.6530, 16.9331,
75.7263


 36.7250, 7.5306,
58.1232

 188.8680, 20.7711,
57.9978

 25.9590, 2.4852,
43.0090

 208.6270, 22.8619,
40.6691

 14.2810, -6.0545,
28.6946

 225.6500, 14.4696,
25.7400

 0.0000, 0.0000,
0.0000

 243.2600, 5.7878,

10.2960

■ 76.4140, 22.9669,
100.4919

■ 76.4140, 22.9669,
100.4919

■ 70.7890, 24.2610,
105.4250

■ 88.3650, 20.5261,
90.0109

■ 100.3160, 18.0852,
79.5299

■ 112.2670, 15.6444,
69.0488

■ 124.3320, 13.6403,
58.4678

■ 136.8700, 10.9101,
47.4720

■ 148.8210, 8.4692,
36.9910

■ 160.7720, 6.0284,
26.5100

■ 172.7230, 3.5876,
16.0289

■ 184.6740, 1.1467,
5.5479

Harmonies

Analogous

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



99.9380, 37.9916, 41.2734



76.4140, 22.9669, 100.4919



73.6560, -4.2674, 109.0497

Triad

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



76.4140, 22.9669, 100.4919



89.6970, -44.2206, -3.2423



93.1600, 47.2491, -81.7013

Complementary

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



76.4140, 22.9669, 100.4919



123.5860, -22.9669, -100.4919

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.



88.5200, 24.3936, -77.6320



76.4140, 22.9669, 100.4919



69.4940, -33.2745, -60.9462

Square

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



76.4140, 22.9669, 100.4919



94.3910, -46.5348, 39.1221



80.9790, -1.9616, -71.0186



90.9550, 61.6472, -79.7675

Rectangle

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



76.4140, 22.9669, 100.4919



86.5800, -29.3729, 88.0683



80.9790, -1.9616, -71.0186



92.0370, 40.4078, -80.7164

Sweetspot

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



76.4140, 22.9669, 100.4919



202.3590, 9.1900, 39.1502



49.7810, 69.6210, 22.9941



97.3480, 5.7444, 24.2508



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4140, 22.9669, 100.4919



91.5230, 31.2942, 136.3533



66.1540, -16.3449, 109.4899



88.3750, 1.2941, 4.9331



58.5280, 19.9527, 87.2369



11.4350, 3.7295, 17.1585

Inverse Universe

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



76.4140, 22.9669, 100.4919



91.5230, 31.2942, 136.3533



133.8460, 16.3449, -109.4899



88.3750, 1.2941, 4.9331



58.5280, 19.9527, 87.2369



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 76.4140, 22.9669, 100.4919 looks on a white background.

Color Contrast Check

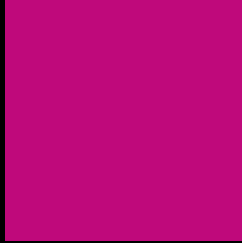
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.4140, 22.9669, 100.4919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

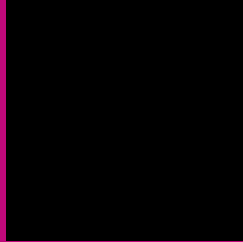
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.4140, 22.9669, 100.4919

Background



This preview shows how black text looks on a background with the YUV color 76.4140, 22.9669, 100.4919.



This preview shows how white text looks on a background with the YUV color 76.4140, 22.9669,

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

76.4140, 22.9669, 100.4919

Protanopia

98.5090, 38.2031, -26.7564

Deuteranopia

102.9170, 5.9569, 2.7038



Tritanopia

90.1910, -19.3212, 84.0245

Trichromacy



Original Color

76.4140, 22.9669, 100.4919

Protanomaly

90.4270, 32.8205, 19.7965

Deuteranomaly

93.1570, 12.2476, 38.4503

Tritanomaly

84.9480, -3.9184, 90.3766

Monochromacy



Original Color

76.4140, 22.9669, 100.4919

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.4080, 8.1799, 36.4762

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4140, 22.9669, 100.4919 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(191, 9, 123)` looks like.

```
.text, #text, p{  
    color:rgb(191, 9, 123)  
}
```

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(191, 9, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 9, 123) }
```

Border

The CSS property to change the border of an element to YUV 76.4140, 22.9669, 100.4919 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(191, 9, 123) }
```


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

```
.border{ border-color:rgb(191, 9, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 9, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 9, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 9, 123);  
box-shadow:4px 4px 4px 4px rgb(191, 9,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 76.4140, 22.9669, 100.4919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 9, 123) }
```

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

```
.background{ background-color: rgb(191, 9,  
123) }
```

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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