

Converting Colors

YUV(127.6940, 24.8009,
72.1824)

Have a look what the booklet for
YUV(127.6940, 24.8009, 72.1824)
contains.

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Color

**YUV(127.6940, 24.8009,
72.1824)**

Conversions

Conversions Part 1

Format	Color
Hex	D24CB2
RGB	210, 76, 178
RGB Percent	82%, 30%, 70%
CMY	0.1765, 0.7020, 0.3020
CMYK	0.00, 0.64, 0.15, 0.18
HSL	314°, 60%, 56%
HSV	314°, 64%, 82%
XYZ	37.1987, 22.0849, 44.4217
YIQ	127.6940, 47.1220, 60.1300

Conversions

Conversions Part 2

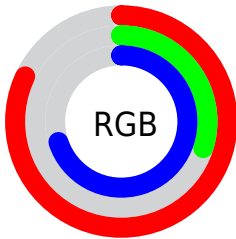
Format	Color
R _Y B	210, 76, 178
Decimal	13782194
CIE Lab	54.12, 63.51, -27.44
CIE LCh	54, 69.182, 336.629
Yxy	22.0849, 0.3587, 0.2130
Android (android.graphics.Color)	4291972274 (0xFFD24CB2)
YUV	127.6940, 24.8009, 72.1824
Hunter-Lab	46.9945, 59.0517, -23.1478

Details

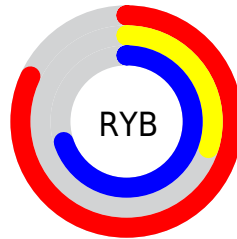
The YUV color **127.6940, 24.8009, 72.1824** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **158.3060, -24.8009, -72.1824**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.9920, 26.1329, 64.9050**, and **59.6980, 32.1939, 80.9489** is the 20% darker color. If you saturate the color by 10%, you get **114.7970, 28.6941, 83.4930**, and if you desaturate by 10%, it is **140.5910, 20.9076, 60.8717**.

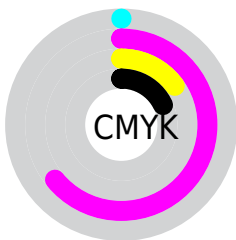
Distribution



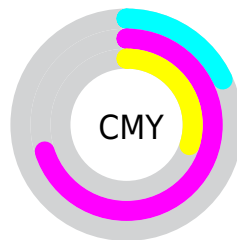
- Red (82%)
- Green (30%)
- Blue (70%)



- Red (82%)
- Yellow (30%)
- Blue (70%)



- Cyan (0%)
- Magenta (64%)
- Yellow (15%)
- Black (18%)



- Cyan (18%)
- Magenta (70%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.6940, 24.8009, 72.1824 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 127.6940, 24.8009, 72.1824 by changing the saturation by 10% instead.


 127.6940, 24.8009,
72.1824


 127.6940, 24.8009,
72.1824


255.0000, 0.0000,
0.0000


 97.7480, 26.2532,
73.0120


 180.9920, 26.1329,
64.9050


 59.6980, 32.1939,
80.9489


 199.8220, 27.2028,
48.3911


 48.4760, 25.4013,
66.2345


 216.8450, 18.8104,
33.4619

 37.3680, 19.0456,
51.4203

 233.8680, 10.4181,
18.5328

 26.6730, 12.9792,
37.1208

 251.4780, 1.7363,
3.0888

 16.3910, 7.2022,
23.3361

 0.0000, 0.0000,

0.0000

■ 127.6940, 24.8009,
72.1824

■ 127.6940, 24.8009,
72.1824

■ 114.7970, 28.6941,
83.4930

■ 140.5910, 20.9076,
60.8717

■ 101.9000, 32.5873,
94.8037

■ 153.4880, 17.0144,
49.5610

■ 89.0030, 36.4805,
106.1144

■ 166.3850, 13.1212,
38.2504

■ 81.0300, 38.9322,
113.1067

■ 179.2820, 9.2280,
26.9397

■ 192.1790, 5.3348,
15.6290

■ 205.0760, 1.4415,
4.3183

■ 217.9730, -2.4517,
-6.9923

■ 230.8700, -6.3449,
-18.3030

■ 237.8970, -7.3442,
-24.4657

Harmonies

Analogous

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



132.2270, 46.2301, 12.0789



127.6940, 24.8009, 72.1824



119.3390, -0.1671, 100.5577

Triad

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



127.6940, 24.8009, 72.1824



119.9530, -59.1368, 21.0892



113.7850, 42.5040, -99.7894

Complementary

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



127.6940, 24.8009, 72.1824



158.3060, -24.8009, -72.1824

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.



107.6460, 16.4435, -94.4055



127.6940, 24.8009, 72.1824



110.0610, -49.8231, -26.3635

Square

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



127.6940, 24.8009, 72.1824



121.1030, -59.7038, 63.0537



98.8170, -9.7698, -86.6625



114.1220, 61.5649, -100.0850

Rectangle

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



127.6940, 24.8009, 72.1824



119.8660, -19.6539, 97.4645



98.8170, -9.7698, -86.6625



112.3200, 34.3522, -98.5046

Sweetspot

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



127.6940, 24.8009, 72.1824



225.4560, 8.6492, 25.9101



100.5450, 53.9613, 5.6610



109.4780, 5.1873, 16.2438



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.



127.6940, 24.8009, 72.1824



134.5900, 36.1911, 105.5996



120.1700, -4.0278, 78.7809



98.2010, 1.8729, 5.9627



64.8240, 31.1458, 90.4854



15.7930, 7.4971, 22.1065

Inverse Universe

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



127.6940, 24.8009, 72.1824



134.5900, 36.1911, 105.5996



165.8300, 4.0278, -78.7809



98.2010, 1.8729, 5.9627



64.8240, 31.1458, 90.4854



15.7930, 7.4971, 22.1065

Previews

White Background



This preview shows how the YUV color 127.6940, 24.8009, 72.1824 looks on a white background.

Color Contrast Check

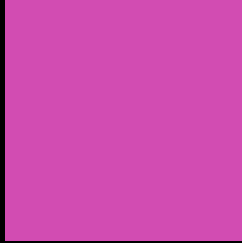
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6940, 24.8009, 72.1824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

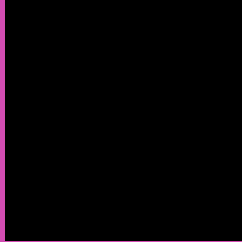
Any Text WCAG AA ✓ Pass

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 127.6940, 24.8009, 72.1824 Background



This preview shows how black text looks on a background with the YUV color 127.6940, 24.8009, 72.1824.



This preview shows how white text looks on a background with the YUV color 127.6940, 24.8009,

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

127.6940, 24.8009, 72.1824

Protanopia

126.8380, 45.9289, -31.4299

Deuteranopia

130.6950, 19.3774, -8.5025



Tritanopia

128.7910, -12.7150, 65.0813

Trichromacy



Original Color

127.6940, 24.8009, 72.1824



Protanomaly

126.8320, 38.5368, 6.2863



Deuteranomaly

129.4520, 21.4692, 20.6516



Tritanomaly

128.6570, 0.6621, 67.8298

Monochromacy



Original Color

127.6940, 24.8009, 72.1824



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

127.8690, 8.9386, 26.4249

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6940, 24.8009, 72.1824 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(210, 76, 178)` looks like.

```
.text, #text, p{  
    color:rgb(210, 76, 178)  
}
```

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(210, 76, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 76, 178) }
```

Border

The CSS property to change the border of an element to YUV 127.6940, 24.8009, 72.1824 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(210, 76, 178) }
```


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

```
.border{ border-color:rgb(210, 76, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 76, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 76, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 76, 178);  
box-shadow:4px 4px 4px 4px rgb(210, 76,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 127.6940, 24.8009, 72.1824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 76, 178) }
```

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

```
.background{ background-color: rgb(210, 76,  
178) }
```

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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