

Converting Colors

YUV(120.0700, 24.6155,
85.0076)

Have a look what the booklet for
YUV(120.0700, 24.6155, 85.0076)
contains.

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Color

**YUV(120.0700, 24.6155,
85.0076)**

Conversions

Conversions Part 1

Format	Color
Hex	D93DAA
RGB	217, 61, 170
RGB Percent	85%, 24%, 67%
CMY	0.1490, 0.7608, 0.3333
CMYK	0.00, 0.72, 0.22, 0.15
HSL	318°, 67%, 55%
HSV	318°, 72%, 85%
XYZ	37.5397, 20.9915, 40.1034
YIQ	120.0700, 57.9870, 66.9710

Conversions

Conversions Part 2

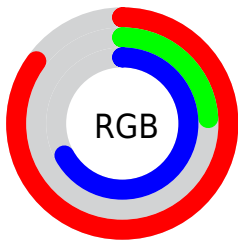
Format	Color
R_{YB}	217, 61, 170
Decimal	14237098
CIE _{Lab}	52.94, 69.69, -24.50
CIE _{LCh}	53, 73.874, 340.631
Yxy	20.9915, 0.3806, 0.2128
Android (android.graphics.Color)	4292427178 (0xFFD93DAA)
YUV	120.0700, 24.6155, 85.0076
Hunter-Lab	45.8165, 66.0752, -19.8254

Details

The YUV color **120.0700, 24.6155, 85.0076** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **157.9300, -24.6155, -85.0076**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9220, 25.6745, 71.9824**, and **60.6940, 28.2519, 85.3374** is the 20% darker color. If you saturate the color by 10%, you get **106.3580, 27.9245, 97.0330**, and if you desaturate by 10%, it is **133.7820, 21.3065, 72.9822**.

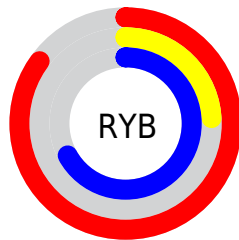
Distribution



Red (85%)

Green (24%)

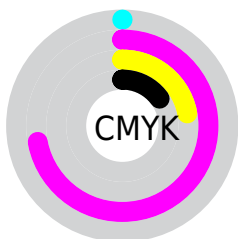
Blue (67%)



Red (85%)

Yellow (24%)

Blue (67%)

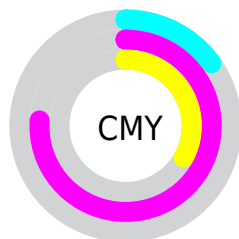


Cyan (0%)

Magenta (72%)

Yellow (22%)

Black (15%)



Cyan (15%)


Magenta (76%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.0700, 24.6155, 85.0076 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 120.0700, 24.6155, 85.0076 by changing the saturation by 10% instead.


 120.0700, 24.6155,
85.0076


 120.0700, 24.6155,
85.0076


255.0000, 0.0000,
0.0000


 84.5420, 28.8198,
89.8557


 172.9220, 25.6745,
71.9824


 60.6940, 28.2519,
85.3374

 193.2510, 29.9493,
54.1539


 49.1730, 21.6067,
70.0083

 210.3880, 21.9937,
39.1247

 38.0650, 15.2510,
55.1940

 227.9980, 13.3120,
23.6808

 27.3700, 9.1846,
40.8945

 245.0210, 4.9196,
8.7516

 16.6040, 4.1392,
25.7803

 0.0000, 0.0000,

0.0000

■ 120.0700, 24.6155,
85.0076

■ 120.0700, 24.6155,
85.0076

■ 106.3580, 27.9245,
97.0330

■ 133.7820, 21.3065,
72.9822

■ 93.3470, 31.3809,
108.4437

■ 146.7930, 17.8501,
61.5715

■ 82.2110, 34.4060,
118.2100

■ 160.5050, 14.5410,
49.5461

■ 174.1030, 10.7952,
37.6207

■ 187.8150, 7.4862,
25.5952

■ 200.8260, 4.0298,
14.1846

■ 214.5380, 0.7208,
2.1592

■ 228.1360, -3.0250,
-9.7663

■ 240.6740, -5.7553,
-20.7621

Harmonies

Analogous

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



128.8200, 46.9237, 22.9599



120.0700, 24.6155, 85.0076



110.6500, -1.7995, 110.8089

Triad

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



120.0700, 24.6155, 85.0076



116.3650, -57.3679, 13.7119



113.5230, 46.5772, -99.5597

Complementary

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



120.0700, 24.6155, 85.0076



157.9300, -24.6155, -85.0076

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.



107.2700, 20.0799, -94.0758



120.0700, 24.6155, 85.0076



102.1580, -50.3639, -39.6036

Square

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



120.0700, 24.6155, 85.0076



119.0100, -58.6719, 58.7502



98.4580, -8.6068, -86.3477



113.2730, 65.9274, -99.3404

Rectangle

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



120.0700, 24.6155, 85.0076



114.1610, -23.7434, 102.4678



98.4580, -8.6068, -86.3477



112.0580, 38.4254, -98.2749

Sweetspot

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



120.0700, 24.6155, 85.0076



220.1900, 8.7803, 30.5284



92.8370, 61.2124, 13.2980



106.9020, 5.4713, 18.5029



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.



120.0700, 24.6155, 85.0076



118.9230, 34.5480, 119.3395



111.1780, -9.4548, 92.8059



103.0870, 1.4361, 6.0627



65.5210, 27.3511, 94.2591



17.4020, 7.1968, 25.0804

Inverse Universe

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



120.0700, 24.6155, 85.0076



118.9230, 34.5480, 119.3395



166.8220, 9.4548, -92.8059



103.0870, 1.4361, 6.0627



65.5210, 27.3511, 94.2591



17.4020, 7.1968, 25.0804

Previews

White Background



This preview shows how the YUV color 120.0700, 24.6155, 85.0076 looks on a white background.

Color Contrast Check

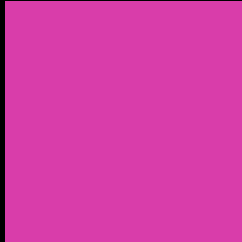
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.0700, 24.6155, 85.0076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

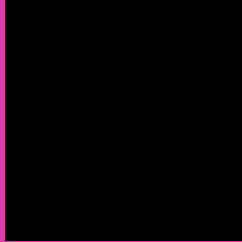
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.0700, 24.6155, 85.0076

Background



This preview shows how black text looks on a background with the YUV color 120.0700, 24.6155, 85.0076.



This preview shows how white text looks on a background with the YUV color 120.0700, 24.6155, 85.0076.

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

120.0700, 24.6155, 85.0076

Protanopia

123.2830, 47.6815, -33.5742

Deuteranopia

127.9080, 16.3144, -6.0583



Tritanopia

122.9450, -16.2419, 76.3472

Trichromacy



Original Color

120.0700, 24.6155, 85.0076



Protanomaly

122.0820, 39.3996, 9.5751



Deuteranomaly

125.2140, 19.1215, 26.9993



Tritanomaly

121.8650, -1.4124, 79.9254

Monochromacy



Original Color

120.0700, 24.6155, 85.0076



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

120.1900, 8.7803, 30.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0700, 24.6155, 85.0076 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(217, 61, 170)` looks like.

```
.text, #text, p{  
    color:rgb(217, 61, 170)  
}
```

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(217, 61, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 61, 170) }
```

Border

The CSS property to change the border of an element to YUV 120.0700, 24.6155, 85.0076 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(217, 61, 170) }
```


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

```
.border{ border-color:rgb(217, 61, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 61, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 61, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 61, 170); box-shadow:4px 4px 4px 4px rgb(217, 61, 170) }
```

Background

The CSS property to change the background color of an element to YUV 120.0700, 24.6155, 85.0076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 61, 170) }
```

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

```
.background{ background-color: rgb(217, 61,  
170) }
```

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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