

Converting Colors

YUV(70.6040, 24.8452,
104.7103)

Have a look what the booklet for
YUV(70.6040, 24.8452, 104.7103)
contains.

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Color

**YUV(70.6040, 24.8452,
104.7103)**

Conversions

Conversions Part 1

Format	Color
Hex	BE0079
RGB	190, 0, 121
RGB Percent	75%, 0%, 47%
CMY	0.2549, 1.0000, 0.5255
CMYK	0.00, 1.00, 0.36, 0.25
HSL	322°, 100%, 37%
HSV	322°, 100%, 75%
XYZ	24.6864, 12.3276, 19.1675
YIQ	70.6040, 74.3990, 77.9110

Conversions

Conversions Part 2

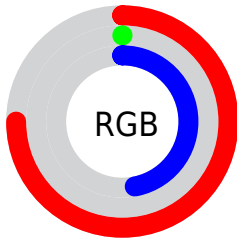
Format	Color
RYB	190, 0, 121
Decimal	12451961
CIELab	41.73, 70.17, -12.55
CIELCh	42, 71.282, 349.858
Yxy	12.3276, 0.4394, 0.2194
Android (android.graphics.Color)	4290642041 (0xFFBE0079)
YUV	70.6040, 24.8452, 104.7103
Hunter-Lab	35.1107, 64.0598, -7.7899

Details

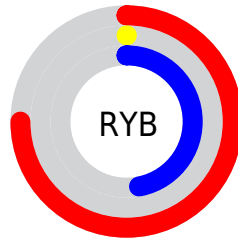
The YUV color **70.6040, 24.8452, 104.7103** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **119.3960, -24.8452, -104.7103**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2530, 13.6793, 92.7401**, and **47.3770, 12.1391, 73.3374** is the 20% darker color. If you saturate the color by 10%, you get **70.6040, 24.8452, 104.7103**, and if you desaturate by 10%, it is **82.5550, 22.4044, 94.2293**.

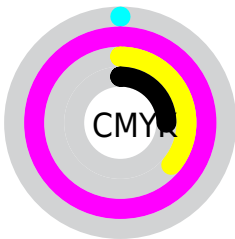
Distribution



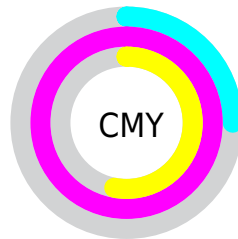
- Red (75%)
- Green (0%)
- Blue (47%)



- Red (75%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.6040, 24.8452, 104.7103 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 70.6040, 24.8452, 104.7103 by changing the saturation by 10% instead.


 70.6040, 24.8452,
104.7103


 70.6040, 24.8452,
104.7103


255.0000, 0.0000,
0.0000


 58.7840, 18.3475,
88.7664


 145.2530, 13.6793,
92.7401


 47.3770, 12.1391,
73.3374


 166.6640, 16.9276,
77.4707


 36.1980, 6.8044,
57.7084

 186.8790, 20.7657,
59.7421

 25.4320, 1.7590,
42.5941

 207.4530, 23.4407,
41.6987

 13.9820, -5.9071,
28.0798

 224.4760, 15.0483,
26.7695

 0.0000, 0.0000,
0.0000

 242.0860, 6.3666,

11.3256

■ 70.6040, 24.8452,
104.7103

■ 82.5550, 22.4044,
94.2293

■ 94.5060, 19.9635,
83.7482

■ 106.4570, 17.5227,
73.2672

■ 118.4080, 15.0819,
62.7862

■ 130.3590, 12.6410,
52.3052

■ 142.1960, 9.7634,
41.9241

■ 154.1470, 7.3225,
31.4431

■ 166.0980, 4.8817,
20.9621

■ 178.0490, 2.4408,
10.4810

Harmonies

Analogous

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



97.6500, 38.1336, 42.4030



70.6040, 24.8452, 104.7103



69.0200, -2.9679, 112.2385

Triad

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



70.6040, 24.8452, 104.7103



87.9250, -43.3470, -3.4422



92.4590, 47.1017, -81.0865

Complementary

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



70.6040, 24.8452, 104.7103



119.3960, -24.8452, -104.7103

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.



87.8190, 24.2462, -77.0173



70.6040, 24.8452, 104.7103



68.6790, -33.8587, -60.2315

Square

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



70.6040, 24.8452, 104.7103



93.2060, -45.9506, 38.4073



80.2780, -2.1091, -70.4038



90.3680, 61.9366, -79.2527

Rectangle

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



70.6040, 24.8452, 104.7103



84.7650, -29.9571, 88.7831



80.2780, -2.1091, -70.4038



91.3360, 40.2604, -80.1017

Sweetspot

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



70.6040, 24.8452, 104.7103



200.4840, 9.6214, 40.7945



41.3940, 73.2628, 21.5795



96.7610, 6.0338, 24.7656



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.



70.6040, 24.8452, 104.7103



91.8650, 32.6046, 136.0534



60.1160, -15.3402, 113.9083



88.3750, 1.2941, 4.9331



58.7560, 20.8263, 87.0370



11.4350, 3.7295, 17.1585

Inverse Universe

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



70.6040, 24.8452, 104.7103



91.8650, 32.6046, 136.0534



129.8840, 15.3402, -113.9083



88.3750, 1.2941, 4.9331



58.7560, 20.8263, 87.0370



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 70.6040, 24.8452, 104.7103 looks on a white background.

Color Contrast Check

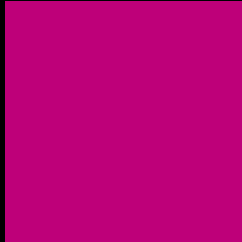
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.6040, 24.8452, 104.7103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

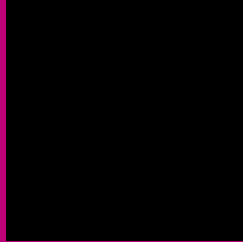
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.6040, 24.8452, 104.7103

Background



This preview shows how black text looks on a background with the YUV color 70.6040, 24.8452, 104.7103.



This preview shows how white text looks on a background with the YUV color 70.6040, 24.8452,

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

70.6040, 24.8452, 104.7103

Protanopia

98.1670, 36.8927, -26.4565

Deuteranopia

101.8030, 5.5201, 2.8038



Tritanopia

89.3760, -19.9054, 84.7392

Trichromacy



Original Color

70.6040, 24.8452, 104.7103

Protanomaly

88.0250, 32.5257, 21.0261

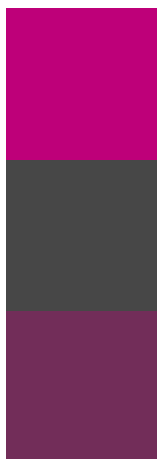
Deuteranomaly

90.2820, 12.6790, 40.0947

Tritanomaly

82.6600, -3.7764, 91.5062

Monochromacy



Original Color

70.6040, 24.8452, 104.7103

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.6470, 9.0480, 38.0206

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6040, 24.8452, 104.7103 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(190, 0, 121)` looks like.

```
.text, #text, p{  
    color:rgb(190, 0, 121)  
}
```

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(190, 0, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 0, 121) }
```

Border

The CSS property to change the border of an element to YUV 70.6040, 24.8452, 104.7103 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(190, 0, 121) }
```


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

```
.border{ border-color:rgb(190, 0, 121) }
```

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

Here you see how a box with a 4 pixel rgb(190, 0, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 0, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 0, 121);  
box-shadow:4px 4px 4px 4px rgb(190, 0,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 70.6040, 24.8452, 104.7103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 0, 121) }
```

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

```
.background{ background-color: rgb(190, 0,  
121) }
```

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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