

Converting Colors

YUV(75.1050, 21.6402,
106.0249)

Have a look what the booklet for
YUV(75.1050, 21.6402, 106.0249)
contains.

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Color

**YUV(75.1050, 21.6402,
106.0249)**

Conversions

Conversions Part 1

Format	Color
Hex	C40577
RGB	196, 5, 119
RGB Percent	77%, 2%, 47%
CMY	0.2314, 0.9804, 0.5333
CMYK	0.00, 0.97, 0.39, 0.23
HSL	324°, 95%, 39%
HSV	324°, 97%, 77%
XYZ	26.1490, 13.1762, 18.6178
YIQ	75.1050, 77.2420, 75.9460

Conversions

Conversions Part 2

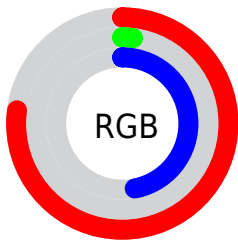
Format	Color
RYB	196, 5, 119
Decimal	12846455
CIELab	43.03, 70.76, -9.24
CIELCh	43, 71.365, 352.564
Yxy	13.1762, 0.4513, 0.2274
Android (android.graphics.Color)	4291036535 (0xFFC40577)
YUV	75.1050, 21.6402, 106.0249
Hunter-Lab	36.2991, 65.0639, -5.0006

Details

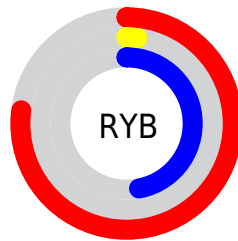
The YUV color **75.1050, 21.6402, 106.0249** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **125.8950, -21.6402, -106.0249**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3950, 11.6373, 94.3696**, and **48.7580, 10.9653, 76.5112** is the 20% darker color. If you saturate the color by 10%, you get **71.9420, 22.2136, 108.7989**, and if you desaturate by 10%, it is **87.7570, 19.3468, 94.9291**.

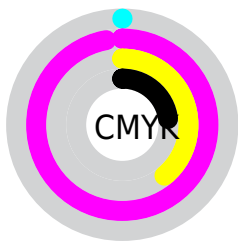
Distribution



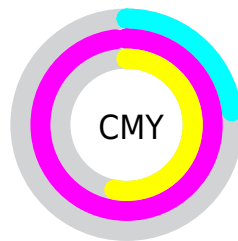
- Red (77%)
- Green (2%)
- Blue (47%)



- Red (77%)
- Yellow (2%)
- Blue (47%)



- Cyan (0%)
- Magenta (97%)
- Yellow (39%)
- Black (23%)





- Cyan (23%)
- Magenta (98%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.1050, 21.6402, 106.0249 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 75.1050, 21.6402, 106.0249 by changing the saturation by 10% instead.


 75.1050, 21.6402,
106.0249


 75.1050, 21.6402,
106.0249

255.0000, 0.0000,
0.0000


 60.3500, 16.5894,
92.6551


 147.3950, 11.6373,
94.3696


 48.7580, 10.9653,
76.5112


 168.0830, 14.7491,
76.2262


 37.4650, 5.1938,
60.9822

 188.2980, 18.5871,
58.4977

 26.8130, 0.5852,
45.7680

 208.6270, 22.8619,
40.6691

 15.4770, -6.6442,
31.1537

 226.2370, 14.1802,
25.2252

 0.0000, 0.0000,
0.0000

 243.8470, 5.4984,

9.7812

■ 75.1050, 21.6402,
106.0249

■ 75.1050, 21.6402,
106.0249

■ 71.9420, 22.2136,
108.7989

■ 87.7570, 19.3468,
94.9291

■ 99.8220, 17.3428,
84.3481

■ 112.4740, 15.0493,
73.2523

■ 124.5390, 13.0453,
62.6713

■ 137.1910, 10.7518,
51.5755

■ 149.7290, 8.0216,
40.5797

■ 161.7940, 6.0176,
29.9987

■ 174.4460, 3.7241,
18.9029

■ 186.5110, 1.7201,
8.3219

Harmonies

Analogous

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



100.5260, 36.2227, 48.6507



75.1050, 21.6402, 106.0249



79.0810, -8.9139, 106.0460

Triad

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



75.1050, 21.6402, 106.0249



89.9630, -44.3518, -7.8606



95.1320, 49.7279, -83.4308

Complementary

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



75.1050, 21.6402, 106.0249



125.8950, -21.6402, -106.0249

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.



90.6060, 27.3092, -79.4615



75.1050, 21.6402, 106.0249



72.8510, -28.0275, -63.8903

Square

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



75.1050, 21.6402, 106.0249



95.8420, -47.2501, 35.2186



82.9510, 0.5172, -72.7480



91.9980, 63.1050, -80.6822

Rectangle

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



75.1050, 21.6402, 106.0249



89.1300, -33.5881, 86.7090



82.9510, 0.5172, -72.7480



94.0090, 42.8866, -82.4459

Sweetspot

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



75.1050, 21.6402, 106.0249



208.1420, 8.3110, 41.0945



49.4980, 72.2255, 27.6273



99.5330, 5.1602, 24.9656



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.



75.1050, 21.6402, 106.0249



93.5730, 28.8045, 141.5715



64.2750, -19.8556, 115.5228



90.6740, 1.1467, 5.5479



59.0830, 18.2001, 89.3812



12.1470, 3.8715, 18.2881

Inverse Universe

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



75.1050, 21.6402, 106.0249



93.5730, 28.8045, 141.5715



136.7250, 19.8556, -115.5228



90.6740, 1.1467, 5.5479



59.0830, 18.2001, 89.3812



12.1470, 3.8715, 18.2881

Previews

White Background



This preview shows how the YUV color 75.1050, 21.6402, 106.0249 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 75.1050, 21.6402, 106.0249 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 75.1050, 21.6402, 106.0249

Background



This preview shows how black text looks on a background with the YUV color 75.1050, 21.6402, 106.0249.



This preview shows how white text looks on a background with the YUV color 75.1050, 21.6402,

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

75.1050, 21.6402, 106.0249

Protanopia

101.5050, 34.2610, -22.3679

Deuteranopia

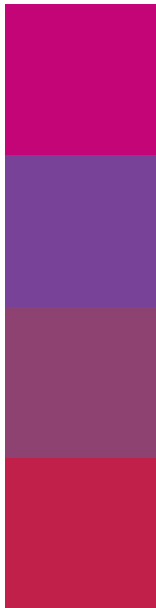
105.0160, 2.4571, 5.2480



Tritanopia

90.5830, -20.5004, 88.9427

Trichromacy



Original Color

75.1050, 21.6402, 106.0249

Protanomaly

91.9500, 29.6047, 24.5999

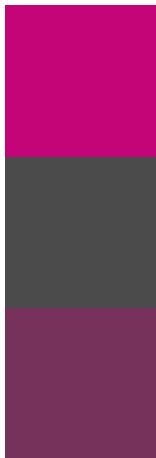
Deuteranomaly

94.0820, 9.3266, 42.0241

Tritanomaly

84.9270, -5.3870, 94.7800

Monochromacy



Original Color

75.1050, 21.6402, 106.0249

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3050, 7.7376, 38.3205

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1050, 21.6402, 106.0249 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, 5, 119)` looks like.

```
.text, #text, p{  
    color:rgb(196, 5, 119)  
}
```

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, 5, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 5, 119) }
```

Border

The CSS property to change the border of an element to YUV 75.1050, 21.6402, 106.0249 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, 5, 119) }
```


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

```
.border{ border-color:rgb(196, 5, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 5, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 5, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 5, 119);  
box-shadow:4px 4px 4px 4px rgb(196, 5,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 75.1050, 21.6402, 106.0249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 5, 119) }
```

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

```
.background{ background-color: rgb(196, 5,  
119) }
```

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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