

Converting Colors

YUV(105.5970, 21.8907,
72.2674)

Have a look what the booklet for
YUV(105.5970, 21.8907, 72.2674)
contains.

YUV(105.5970, 21.8907, 72.2674)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(105.5970, 21.8907,
72.2674)**

Conversions

Conversions Part 1

Format	Color
Hex	BC3796
RGB	188, 55, 150
RGB Percent	74%, 22%, 59%
CMY	0.2627, 0.7843, 0.4118
CMYK	0.00, 0.71, 0.20, 0.26
HSL	317°, 55%, 48%
HSV	317°, 71%, 74%
XYZ	27.6102, 15.6258, 30.4150
YIQ	105.5970, 48.7730, 57.7410

Conversions

Conversions Part 2

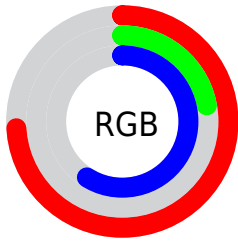
Format	Color
R_{YB}	188, 55, 150
Decimal	12334998
CIE _{Lab}	46.48, 61.83, -23.02
CIE _{LCh}	46, 65.978, 339.584
Yxy	15.6258, 0.3749, 0.2122
Android (android.graphics.Color)	4290525078 (0xFFBC3796)
YUV	105.5970, 21.8907, 72.2674
Hunter-Lab	39.5294, 55.5010, -17.9487

Details

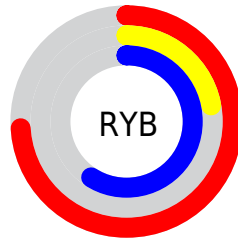
The YUV color **105.5970, 21.8907, 72.2674** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **137.4030, -21.8907, -72.2674**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4400, 19.9961, 73.2821**, and **50.4550, 23.9327, 70.6380** is the 20% darker color. If you saturate the color by 10%, you get **93.8740, 25.2051, 82.5485**, and if you desaturate by 10%, it is **117.3200, 18.5762, 61.9864**.

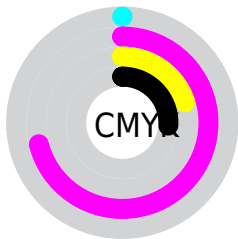
Distribution



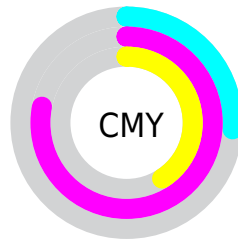
- Red (74%)
- Green (22%)
- Blue (59%)



- Red (74%)
- Yellow (22%)
- Blue (59%)



- Cyan (0%)
- Magenta (71%)
- Yellow (20%)
- Black (26%)





- Cyan (26%)
- Magenta (78%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.5970, 21.8907, 72.2674 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 105.5970, 21.8907, 72.2674 by changing the saturation by 10% instead.


 105.5970, 21.8907,
72.2674

 105.5970, 21.8907,
72.2674


255.0000, 0.0000,
0.0000


 72.2430, 25.5162,
76.0859


 163.4400, 19.9961,
73.2821


 50.4550, 23.9327,
70.6380


 185.5740, 23.3810,
60.8866

 39.3470, 17.5769,
55.8237


 204.5180, 24.8876,
44.2727

 28.6520, 11.5106,
41.5242

 221.5410, 16.4953,
29.3435

 18.4840, 6.1704,
27.6395

 238.5640, 8.1029,
14.4144

 2.6910, -1.3267,
5.5330

 0.0000, 0.0000,

0.0000

■ 105.5970, 21.8907,
72.2674

■ 105.5970, 21.8907,
72.2674

■ 93.8740, 25.2051,
82.5485

■ 117.3200, 18.5762,
61.9864

■ 82.0370, 28.0828,
92.9296

■ 129.1570, 15.6986,
51.6053

■ 71.4880, 30.8184,
102.1810

■ 140.2930, 12.6736,
41.8390

■ 152.0160, 9.3591,
31.5580

■ 163.8530, 6.4815,
21.1769

■ 175.5760, 3.1670,
10.8958

■ 187.4130, 0.2894,
0.5148

■ 198.5490, -2.7357,
-9.2515

■ 210.2720, -6.0501,
-19.5325

Harmonies

Analogous

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



112.5930, 41.1197, 17.8969



105.5970, 21.8907, 72.2674



97.0780, -1.0245, 95.5246

Triad

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



105.5970, 21.8907, 72.2674



101.3140, -49.9478, 13.7566



98.5910, 40.1346, -86.4643

Complementary

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



105.5970, 21.8907, 72.2674



137.4030, -21.8907, -72.2674

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.



93.1360, 16.6950, -81.6803



105.5970, 21.8907, 72.2674



90.1080, -44.4232, -31.6667

Square

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



105.5970, 21.8907, 72.2674



103.6270, -51.0881, 52.9471



85.3500, -8.0605, -74.8520



98.9450, 56.7221, -86.7748

Rectangle

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



105.5970, 21.8907, 72.2674



99.4090, -19.9216, 89.9723



85.3500, -8.0605, -74.8520



97.3540, 32.8565, -85.3795

Sweetspot

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



105.5970, 21.8907, 72.2674



212.7660, 8.4964, 28.2692



81.5240, 52.4927, 10.0645



103.4780, 5.1873, 16.2438



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



105.5970, 21.8907, 72.2674



116.0640, 33.9854, 113.0769



98.0730, -6.9380, 78.8660



88.4890, 1.7309, 4.8331



60.1240, 26.0679, 85.8373



11.7770, 5.0399, 16.8586

Inverse Universe

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



105.5970, 21.8907, 72.2674



116.0640, 33.9854, 113.0769



144.9270, 6.9380, -78.8660



88.4890, 1.7309, 4.8331



60.1240, 26.0679, 85.8373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 105.5970, 21.8907, 72.2674 looks on a white background.

Color Contrast Check

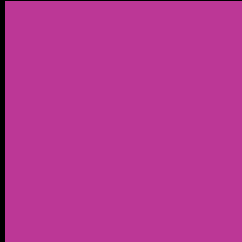
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.5970, 21.8907, 72.2674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

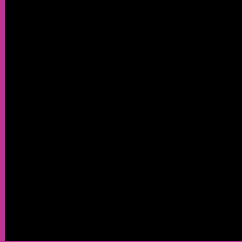
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.5970, 21.8907, 72.2674

Background



This preview shows how black text looks on a background with the YUV color 105.5970, 21.8907, 72.2674.



This preview shows how white text looks on a background with the YUV color 105.5970, 21.8907, 72.2674.

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

105.5970, 21.8907, 72.2674

Protanopia

107.1110, 41.8503, -29.9153

Deuteranopia

111.5660, 15.0040, -5.7584



Tritanopia

108.2640, -13.4412, 64.6665

Trichromacy



Original Color

105.5970, 21.8907, 72.2674

Protanomaly

106.8060, 34.6056, 7.1861

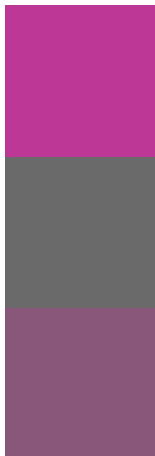
Deuteranomaly

109.1380, 17.6800, 22.6810

Tritanomaly

107.0160, -0.5009, 67.5150

Monochromacy



Original Color

105.5970, 21.8907, 72.2674

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.6410, 8.0650, 26.6248

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.5970, 21.8907, 72.2674 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(188, 55, 150)` looks like.

```
.text, #text, p{  
    color:rgb(188, 55, 150)  
}
```

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(188, 55, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 55, 150) }
```

Border

The CSS property to change the border of an element to YUV 105.5970, 21.8907, 72.2674 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(188, 55, 150) }
```


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

```
.border{ border-color:rgb(188, 55, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 55, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 55, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 55, 150);  
box-shadow:4px 4px 4px 4px rgb(188, 55,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 105.5970, 21.8907, 72.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 55, 150) }
```

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

```
.background{ background-color: rgb(188, 55,  
150) }
```

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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