

Converting Colors

YUV(120.9840, -1.9641,
70.1740)

Have a look what the booklet for
YUV(120.9840, -1.9641, 70.1740)
contains.

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Color

**YUV(120.9840, -1.9641,
70.1740)**

Conversions

Conversions Part 1

Format	Color
Hex	C95175
RGB	201, 81, 117
RGB Percent	79%, 32%, 46%
CMY	0.2118, 0.6824, 0.5412
CMYK	0.00, 0.60, 0.42, 0.21
HSL	342°, 53%, 55%
HSV	342°, 60%, 79%
XYZ	30.2407, 19.5867, 19.0164
YIQ	120.9840, 59.9640, 36.6360

Conversions

Conversions Part 2

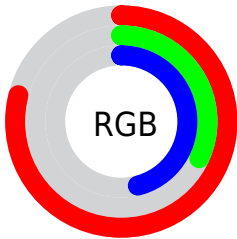
Format	Color
R_{YB}	201, 81, 117
Decimal	13193589
CIE _{Lab}	51.37, 50.97, 4.36
CIE _{LCh}	51, 51.153, 4.884
Yxy	19.5867, 0.4393, 0.2845
Android (android.graphics.Color)	4291383669 (0xFFC95175)
YUV	120.9840, -1.9641, 70.1740
Hunter-Lab	44.2569, 44.5194, 5.5040

Details

The YUV color **120.9840, -1.9641, 70.1740** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **161.0160, 1.9641, -70.1740**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7560, -2.8377, 70.3740**, and **63.5370, 2.6933, 69.6891** is the 20% darker color. If you saturate the color by 10%, you get **107.6480, -2.2915, 81.8697**, and if you desaturate by 10%, it is **134.3200, -1.6368, 58.4784**.

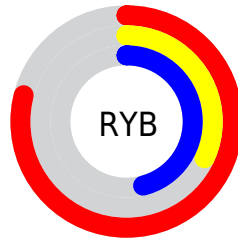
Distribution



Red (79%)

Green (32%)

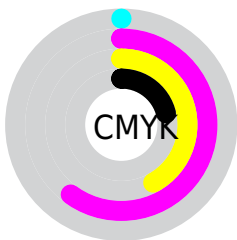
Blue (46%)



Red (79%)

Yellow (32%)

Blue (46%)

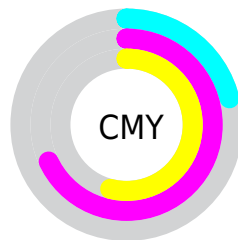


Cyan (0%)

Magenta (60%)

Yellow (42%)

Black (21%)



Cyan (21%)


Magenta (68%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.9840, -1.9641, 70.1740 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 120.9840, -1.9641, 70.1740 by changing the saturation by 10% instead.


 120.9840, -1.9641,
70.1740


 120.9840, -1.9641,
70.1740

255.0000, 0.0000,
0.0000


 93.0270, -0.5063,
69.2593


 174.7560, -2.8377,
70.3740


 63.5370, 2.6933,
69.6891


 194.2700, 0.8529,
53.2602


 39.4440, 3.7251,
65.3856


 213.8980, 4.9803,
36.0465

 28.7920, -0.8835,
50.1714

 234.2270, 9.2551,
18.2179

 18.4670, -8.1182,
37.3014

 251.4780, 1.7363,
3.0888

 8.1870, -3.5432,
16.4990

 0.0000, 0.0000,

0.0000

■ 120.9840, -1.9641,
70.1740

■ 120.9840, -1.9641,
70.1740

■ 107.6480, -2.2915,
81.8697

■ 134.3200, -1.6368,
58.4784

■ 94.3120, -2.6188,
93.5654

■ 147.6560, -1.3094,
46.7827

■ 80.9760, -2.9462,
105.2610

■ 160.9920, -0.9821,
35.0870

■ 67.6400, -3.2735,
116.9567

■ 174.3280, -0.6547,
23.3913

■ 66.9390, -3.4209,
117.5715

■ 188.2510, -0.6167,
11.1809

■ 201.5870, -0.2894,
-0.5148

■ 214.9230, 0.0380,
-12.2105

■ 228.3730, 0.8021,
-24.0061

■ 237.6000, 3.1552,
-32.0982

Harmonies

Analogous

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



124.6020, 17.4512, 49.4610



120.9840, -1.9641, 70.1740



119.6960, -22.0351, 67.7956

Triad

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



120.9840, -1.9641, 70.1740



111.5950, -32.8313, -16.3078



103.3330, 48.1498, -90.6230

Complementary

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



120.9840, -1.9641, 70.1740



161.0160, 1.9641, -70.1740

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.



102.8480, 33.5989, -90.1977



120.9840, -1.9641, 70.1740



92.2290, -4.5499, -80.8848

Square

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



120.9840, -1.9641, 70.1740



116.6120, -45.1647, 19.6343



98.5330, 14.5272, -86.4134



106.2850, 51.1315, -66.9019

Rectangle

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



120.9840, -1.9641, 70.1740



119.5300, -33.7853, 56.5402



98.5330, 14.5272, -86.4134



103.5950, 44.0767, -90.8528

Sweetspot

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



120.9840, -1.9641, 70.1740



224.3500, -0.6655, 26.8801



119.7960, 40.0336, 39.6439



108.6970, -0.3436, 16.9287



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.



120.9840, -1.9641, 70.1740



132.2860, -3.0990, 107.6202



130.9680, -24.6342, 61.4181



92.9190, -0.4531, 5.3330



54.3230, -2.6242, 95.3097



12.0180, -0.5019, 21.0322

Inverse Universe

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



120.9840, -1.9641, 70.1740



132.2860, -3.0990, 107.6202



151.0320, 24.6342, -61.4181



92.9190, -0.4531, 5.3330



54.3230, -2.6242, 95.3097



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 120.9840, -1.9641, 70.1740 looks on a white background.

Color Contrast Check

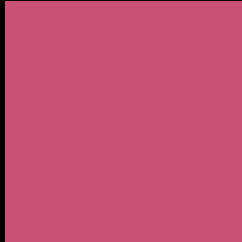
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.9840, -1.9641, 70.1740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

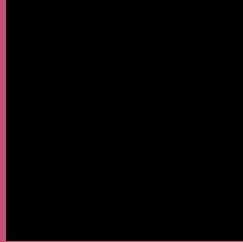
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.9840, -1.9641, 70.1740

Background



This preview shows how black text looks on a background with the YUV color 120.9840, -1.9641, 70.1740.



This preview shows how white text looks on a background with the YUV color 120.9840, -1.9641,

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

120.9840, -1.9641, 70.1740

Protanopia

123.5680, 8.5940, -3.1291

Deuteranopia

124.0680, -6.4425, 13.0954



Tritanopia

120.4710, -14.0362, 68.8699

Trichromacy



Original Color

120.9840, -1.9641, 70.1740

Protanomaly

122.4080, 4.7289, 23.3212

Deuteranomaly

122.9550, -4.9078, 34.2425

Tritanomaly

120.6220, -9.6736, 69.6145

Monochromacy



Original Color

120.9840, -1.9641, 70.1740

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7520, -0.3707, 25.6505

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9840, -1.9641, 70.1740 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(201, 81, 117)` looks like.

```
.text, #text, p{  
    color:rgb(201, 81, 117)  
}
```

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(201, 81, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 81, 117) }
```

Border

The CSS property to change the border of an element to YUV 120.9840, -1.9641, 70.1740 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(201, 81, 117) }
```


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

```
.border{ border-color:rgb(201, 81, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 81, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 81, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 81, 117); box-shadow:4px 4px 4px 4px rgb(201, 81, 117) }
```

Background

The CSS property to change the background color of an element to YUV 120.9840, -1.9641, 70.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 81, 117) }
```

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

```
.background{ background-color: rgb(201, 81,  
117) }
```

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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