

Converting Colors

YUV(102.6570, 31.2281,
110.8028)

Have a look what the booklet for
YUV(102.6570, 31.2281, 110.8028)
contains.

YUV(102.6570, 31.2281, 110.8028)	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(102.6570, 31.2281,
110.8028)**

Conversions

Conversions Part 1

Format	Color
Hex	E51AA6
RGB	229, 26, 166
RGB Percent	90%, 10%, 65%
CMY	0.1020, 0.8980, 0.3490
CMYK	0.00, 0.89, 0.28, 0.10
HSL	319°, 80%, 50%
HSV	319°, 89%, 90%
XYZ	39.5654, 20.1500, 37.8804
YIQ	102.6570, 76.0480, 86.5760

Conversions

Conversions Part 2

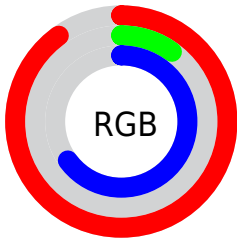
Format	Color
RYB	229, 26, 166
Decimal	15014566
CIELab	52.01, 80.20, -23.41
CIElCh	52, 83.549, 343.727
Yxy	20.1500, 0.4054, 0.2065
Android (android.graphics.Color)	4293204646 (0xFFE51AA6)
YUV	102.6570, 31.2281, 110.8028
Hunter-Lab	44.8887, 78.7766, -18.6111

Details

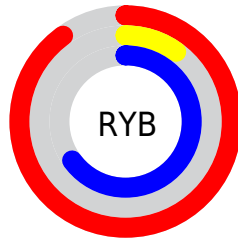
The YUV color **102.6570, 31.2281, 110.8028** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **152.3430, -31.2281, -110.8028**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.9000, 29.1363, 81.6487**, and **63.2280, 25.0306, 91.8850** is the 20% darker color. If you saturate the color by 10%, you get **88.3580, 34.8265, 123.3430**, and if you desaturate by 10%, it is **116.9560, 27.6297, 98.2626**.

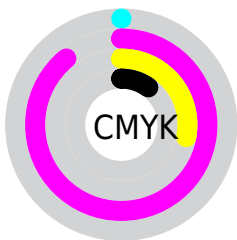
Distribution



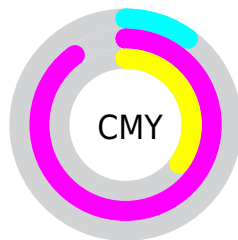
- Red (90%)
- Green (10%)
- Blue (65%)



- Red (90%)
- Yellow (10%)
- Blue (65%)



- Cyan (0%)
- Magenta (89%)
- Yellow (28%)
- Black (10%)



- Cyan (10%)
- Magenta (90%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 102.6570, 31.2281, 110.8028 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 102.6570, 31.2281, 110.8028 by changing the saturation by 10% instead.


 102.6570, 31.2281,
110.8028


 102.6570, 31.2281,
110.8028


255.0000, 0.0000,
0.0000


 75.1620, 31.9651,
107.7289


 161.9000, 29.1363,
81.6487


 63.2280, 25.0306,
91.8850


 182.8160, 33.1217,
63.3054


 51.7070, 18.3854,
76.5560


 200.9960, 26.6240,
47.3615

 40.0010, 12.3245,
60.5121

 219.1930, 17.6529,
31.4027

 29.1210, 6.8423,
45.4979

 236.8030, 8.9711,
15.9588

 17.9420, 1.5076,
29.8689

254.4130, 0.2894,

 2.0930, -1.0318,

0.5148

4.3034

■ 0.0000, 0.0000,
0.0000

■ 102.6570, 31.2281,
110.8028

■ 102.6570, 31.2281,
110.8028

■ 88.3580, 34.8265,
123.3430

■ 116.9560, 27.6297,
98.2626

■ 86.4830, 35.2579,
124.9874

■ 131.2550, 24.0313,
85.7224

■ 145.5540, 20.4329,
73.1821

■ 159.8530, 16.8345,
60.6419

■ 173.6790, 13.9623,
48.5165

■ 187.9780, 10.3638,
35.9763

■ 202.2770, 6.7654,
23.4361

■ 216.5760, 3.1670,
10.8958

■ 230.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



125.3360, 51.1064, 34.7853



102.6570, 31.2281, 110.8028



84.3840, 5.2337, 141.7372

Triad

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



102.6570, 31.2281, 110.8028



113.0760, -55.7465, 6.9493



114.6460, 53.4185, -100.5445

Complementary

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



102.6570, 31.2281, 110.8028



152.3430, -31.2281, -110.8028

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.



108.1820, 23.5743, -94.8756



102.6570, 31.2281, 110.8028



85.1150, -41.9617, -74.6459

Square

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



102.6570, 31.2281, 110.8028



116.6400, -57.5035, 57.3207



97.8710, -8.3174, -85.8329



113.5980, 69.7112, -99.6254

Rectangle

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



102.6570, 31.2281, 110.8028



103.7390, -26.9863, 115.9929



97.8710, -8.3174, -85.8329



112.9530, 44.3932, -99.0598

Sweetspot

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



102.6570, 31.2281, 110.8028



212.1030, 10.7952, 37.6207



67.3810, 79.6782, 17.2059



102.4510, 6.1867, 22.4065



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.



102.6570, 31.2281, 110.8028



96.3090, 39.2877, 139.1720



91.3710, -12.0149, 120.7006



107.5000, 1.7255, 6.5775



67.5430, 27.3403, 97.7478



19.2390, 7.7702, 27.8544

Inverse Universe

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



102.6570, 31.2281, 110.8028



96.3090, 39.2877, 139.1720



163.6290, 12.0149, -120.7006



107.5000, 1.7255, 6.5775



67.5430, 27.3403, 97.7478



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 102.6570, 31.2281, 110.8028 looks on a white background.

Color Contrast Check

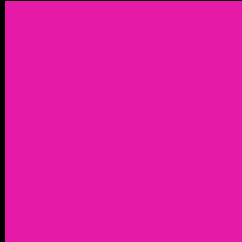
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.6570, 31.2281, 110.8028 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 102.6570, 31.2281, 110.8028 Background



This preview shows how black text looks on a background with the YUV color 102.6570, 31.2281, 110.8028.



This preview shows how white text looks on a background with the YUV color 102.6570, 31.2281, 110.8028.

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

102.6570, 31.2281, 110.8028

Protanopia

117.5080, 56.4446, -44.2955

Deuteranopia

125.4630, 14.5617, -3.9141



Tritanopia

115.0890, -21.2429, 93.7609

Trichromacy



Original Color

102.6570, 31.2281, 110.8028



Protanomaly

111.8680, 47.3931, 12.3938



Deuteranomaly

117.0350, 20.6887, 37.6803



Tritanomaly

110.4700, -2.2037, 100.4428

Monochromacy



Original Color

102.6570, 31.2281, 110.8028



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

102.9400, 11.3686, 40.3946

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.6570, 31.2281, 110.8028 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(229, 26, 166)` looks like.

```
.text, #text, p{  
    color:rgb(229, 26, 166)  
}
```

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(229, 26, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 26, 166) }
```

Border

The CSS property to change the border of an element to YUV 102.6570, 31.2281, 110.8028 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(229, 26, 166) }
```


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

```
.border{ border-color:rgb(229, 26, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 26, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 26, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 26, 166);  
box-shadow:4px 4px 4px 4px rgb(229, 26,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 102.6570, 31.2281, 110.8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 26, 166) }
```

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

```
.background{ background-color: rgb(229, 26,  
166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor