

Converting Colors

YUV(70.5850, 0.2046, 121.3900)

Have a look what the booklet for
YUV(70.5850, 0.2046, 121.3900)
contains.

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Color

**YUV(70.5850, 0.2046,
121.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	D10047
RGB	209, 0, 71
RGB Percent	82%, 0%, 28%
CMY	0.1804, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.66, 0.18
HSL	340°, 100%, 41%
HSV	340°, 100%, 82%
XYZ	27.4318, 14.0102, 7.2197
YIQ	70.5850, 101.7730, 66.3890

Conversions

Conversions Part 2

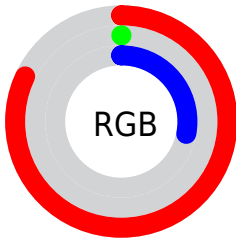
Format	Color
RYB	209, 0, 71
Decimal	13697095
CIELab	44.25, 70.74, 22.93
CIELCh	44, 74.361, 17.957
Yxy	14.0102, 0.5637, 0.2879
Android (android.graphics.Color)	4291887175 (0xFFD10047)
YUV	70.5850, 0.2046, 121.3900
Hunter-Lab	37.4303, 65.3158, 14.7651

Details

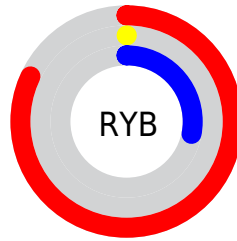
The YUV color **70.5850, 0.2046, 121.3900** is a dark color, and the websafe version is hex **CC0033**, and the color name is [spanish carmine](#). The color can be described as dark washed red. A complement of this color would be **138.4150, -0.2046, -121.3900**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4670, -11.0762, 99.5684**, and **46.9600, -8.8543, 86.8581** is the 20% darker color. If you saturate the color by 10%, you get **70.5850, 0.2046, 121.3900**, and if you desaturate by 10%, it is **84.5080, 0.2426, 109.1795**.

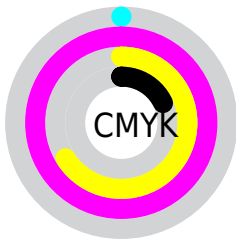
Distribution



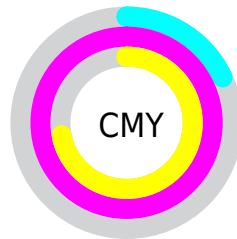
- Red (82%)
- Green (0%)
- Blue (28%)



- Red (82%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.5850, 0.2046, 121.3900 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 70.5850, 0.2046, 121.3900 by changing the saturation by 10% instead.


 70.5850, 0.2046,
121.3900


 70.5850, 0.2046,
121.3900


255.0000, 0.0000,
0.0000


 58.5090, -4.6879,
103.9166


 141.4670,
-11.0762, 99.5684


 46.9600, -8.8543,
86.8581


 162.0410, -8.4012,
81.5250


 34.7270, -15.6414,
70.3994


 182.0280, -5.4368,
63.9964

 25.6430, -11.6560,
52.0561

 202.7160, -2.3250,
45.8531

 16.3740, -7.0864,
32.9980

 222.9310, 1.5130,
28.1245

 2.0930, -1.0318,
4.3034

 243.8470, 5.4984,

 0.0000, 0.0000,

9.7812

0.0000

■ 70.5850, 0.2046,
121.3900

■ 84.5080, 0.2426,
109.1795

■ 98.4310, 0.2805,
96.9690

■ 112.2400, -0.1183,
84.8585

■ 126.1630, -0.0804,
72.6480

■ 140.0860, -0.0424,
60.4376

■ 153.4220, 0.2850,
48.7419

■ 167.3450, 0.3229,
36.5314

■ 181.1540, -0.0759,
24.4209

■ 195.0770, -0.0380,
12.2105

Harmonies

Analogous

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



78.0710, 26.5870, 106.0547



70.5850, 0.2046, 121.3900



91.9590, -44.3498, 85.1050

Triad

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



70.5850, 0.2046, 121.3900



72.7880, -35.8845, -63.8351



96.3180, 64.4262, -84.4709

Complementary

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



70.5850, 0.2046, 121.3900



138.4150, -0.2046, -121.3900

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.



97.4800, 48.5704, -85.4900



70.5850, 0.2046, 121.3900



84.5010, -3.6980, -74.1074

Square

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



70.5850, 0.2046, 121.3900



94.1380, -46.4100, -0.9980



92.3840, 23.9677, -81.0208



84.2360, 68.9037, -73.8750

Rectangle

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



70.5850, 0.2046, 121.3900



98.0450, -48.3362, 56.9655



92.3840, 23.9677, -81.0208



97.8680, 60.2111, -85.8302

Sweetspot

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



70.5850, 0.2046, 121.3900



204.5740, -0.2830, 44.2236



64.4900, 71.2434, 62.7143



97.4640, -0.2288, 26.7801



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.



70.5850, 0.2046, 121.3900



86.1630, 0.4126, 148.0700



80.6880, -39.7792, 112.5296



97.7450, 0.1257, 6.3626



56.7300, 0.1331, 97.5838



13.8550, 0.0715, 23.8062

Inverse Universe

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



70.5850, 0.2046, 121.3900



86.1630, 0.4126, 148.0700



128.3120, 39.7792, -112.5296



97.7450, 0.1257, 6.3626



56.7300, 0.1331, 97.5838



13.8550, 0.0715, 23.8062

Previews

White Background



This preview shows how the YUV color 70.5850, 0.2046, 121.3900 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 70.5850, 0.2046, 121.3900 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 70.5850, 0.2046, 121.3900

Background



This preview shows how black text looks on a background with the YUV color 70.5850, 0.2046, 121.3900.



This preview shows how white text looks on a background with the YUV color 70.5850, 0.2046, 121.3900.

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

70.5850, 0.2046, 121.3900

Protanopia

106.6690, -1.3158, 2.0443

Deuteranopia

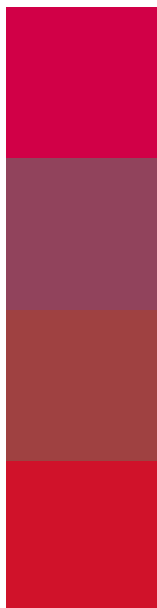
105.8120, -21.5993, 21.2129



Tritanopia

82.0650, -28.1330, 110.4450

Trichromacy



Original Color

70.5850, 0.2046, 121.3900

Protanomaly

93.1720, -0.5778, 45.4532

Deuteranomaly

93.1060, -13.8563, 57.7890

Tritanomaly

77.5460, -17.5242, 114.4082

Monochromacy



Original Color

70.5850, 0.2046, 121.3900

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.6880, 0.1538, 44.1236

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5850, 0.2046, 121.3900 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(209, 0, 71)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 71)  
}
```

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(209, 0, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 71) }
```

Border

The CSS property to change the border of an element to YUV 70.5850, 0.2046, 121.3900 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(209, 0, 71) }
```


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

```
.border{ border-color:rgb(209, 0, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 71);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.5850, 0.2046, 121.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 71) }
```

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

```
.background{ background-color: rgb(209, 0,  
71) }
```

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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