

Converting Colors

YUV(79.7300, 0.1331, 97.5838)

Have a look what the booklet for
YUV(79.7300, 0.1331, 97.5838)
contains.

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Color

**YUV(79.7300, 0.1331,
97.5838)**

Conversions

Conversions Part 1

Format	Color
Hex	BF1750
RGB	191, 23, 80
RGB Percent	75%, 9%, 31%
CMY	0.2510, 0.9098, 0.6863
CMYK	0.00, 0.88, 0.58, 0.25
HSL	340°, 79%, 42%
HSV	340°, 88%, 75%
XYZ	23.2402, 12.2683, 8.7325
YIQ	79.7300, 81.8310, 53.3430

Conversions

Conversions Part 2

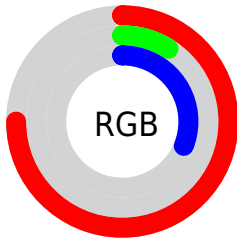
Format	Color
R_{YB}	191, 23, 80
Decimal	12523344
CIE Lab	41.64, 64.21, 13.13
CIE LCh	42, 65.541, 11.555
Yxy	12.2683, 0.5253, 0.2773
Android (android.graphics.Color)	4290713424 (0xFFBF1750)
YUV	79.7300, 0.1331, 97.5838
Hunter-Lab	35.0262, 57.1406, 9.7365

Details

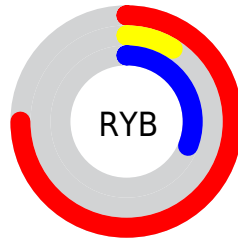
The YUV color **79.7300, 0.1331, 97.5838** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **134.2700, -0.1331, -97.5838**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7700, -7.2816, 95.7947**, and **42.9740, -3.4382, 76.3218** is the 20% darker color. If you saturate the color by 10%, you get **67.0950, -0.0468, 108.6647**, and if you desaturate by 10%, it is **92.3650, 0.3131, 86.5029**.

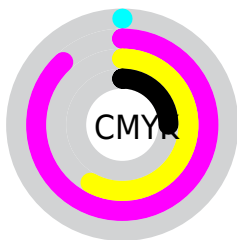
Distribution



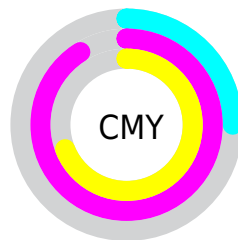
- Red (75%)
- Green (9%)
- Blue (31%)



- Red (75%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (88%)
- Yellow (58%)
- Black (25%)



- Cyan (25%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.7300, 0.1331, 97.5838 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 79.7300, 0.1331, 97.5838 by changing the saturation by 10% instead.


 79.7300, 0.1331,
97.5838


 79.7300, 0.1331,
97.5838


255.0000, 0.0000,
0.0000


 54.3380, 1.3124,
92.6656


 143.7700, -7.2816,
95.7947

 42.9740, -3.4382,
76.3218


 164.3550, -4.6120,
79.4957


 31.7240, -7.7519,
59.8781

 184.3420, -1.6476,
61.9671

 21.8700, -9.3029,
43.9640

 203.9700, 2.4798,
44.7533

 12.3730, -5.6069,
25.1059

 224.7720, 6.0284,
26.5100

 0.0000, 0.0000,
0.0000

 243.8470, 5.4984,

9.7812

■ 79.7300, 0.1331,
97.5838

■ 79.7300, 0.1331,
97.5838

■ 67.0950, -0.0468,
108.6647

■ 92.3650, 0.3131,
86.5029

■ 64.5190, 0.2371,
110.9238

■ 104.8860, 0.0562,
75.5220

■ 117.5210, 0.2361,
64.4411

■ 130.0420, -0.0207,
53.4602

■ 143.2640, -0.1302,
41.8645

■ 155.8990, 0.0498,
30.7836

■ 168.4200, -0.2071,
19.8027

■ 181.0550, -0.0271,
8.7218

■ 193.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



90.2060, 21.5904, 75.2413



79.7300, 0.1331, 97.5838



88.2970, -30.2194, 79.5465

Triad

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



79.7300, 0.1331, 97.5838



76.7850, -37.8550, -38.3994



89.8320, 54.8058, -78.7827

Complementary

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



79.7300, 0.1331, 97.5838



134.2700, -0.1331, -97.5838

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.



89.7060, 39.0919, -78.6722



79.7300, 0.1331, 97.5838



76.9210, -7.3561, -67.4597

Square

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



79.7300, 0.1331, 97.5838



90.6600, -44.6954, 9.0682



84.4790, 16.5259, -74.0881



80.8960, 61.1833, -70.9458

Rectangle

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



79.7300, 0.1331, 97.5838



90.9790, -44.8526, 59.6544



84.4790, 16.5259, -74.0881



90.6810, 50.4433, -79.5272

Sweetspot

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



79.7300, 0.1331, 97.5838



204.6440, 0.1755, 37.1462



74.7430, 57.3147, 50.2144



99.1430, -0.0705, 22.6766



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



79.7300, 0.1331, 97.5838



83.4290, 0.2815, 143.4518



87.9070, -31.9992, 90.4126



88.0330, -0.0163, 5.2331



53.3980, 0.2968, 91.7360



10.4090, -0.2016, 18.0583

Inverse Universe

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



79.7300, 0.1331, 97.5838



83.4290, 0.2815, 143.4518



126.0930, 31.9992, -90.4126



88.0330, -0.0163, 5.2331



53.3980, 0.2968, 91.7360



10.4090, -0.2016, 18.0583

Previews

White Background



This preview shows how the YUV color 79.7300, 0.1331, 97.5838 looks on a white background.

Color Contrast Check

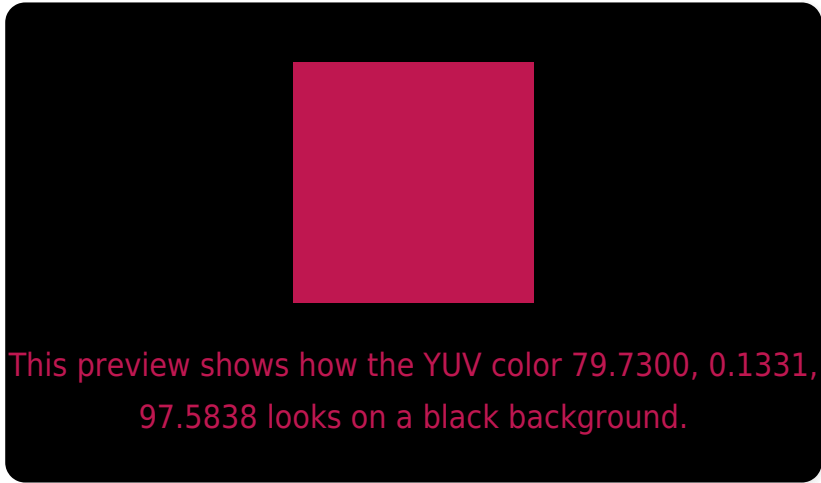
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 79.7300, 0.1331, 97.5838

Background



This preview shows how black text looks on a background with the YUV color 79.7300, 0.1331, 97.5838.



This preview shows how white text looks on a background with the YUV color 79.7300, 0.1331,

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

79.7300, 0.1331, 97.5838

Protanopia

100.1120, 6.8468, -2.7292

Deuteranopia

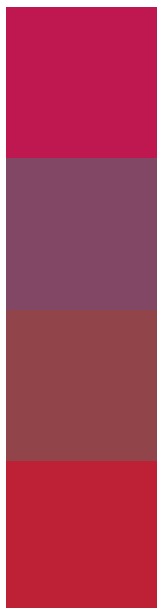
99.2550, -13.4367, 16.4394



Tritanopia

82.4480, -22.4059, 93.4461

Trichromacy



Original Color

79.7300, 0.1331, 97.5838

Protanomaly

92.4740, 4.6963, 33.7873

Deuteranomaly

92.4080, -8.5821, 46.1232

Tritanomaly

81.6360, -14.1175, 95.0352

Monochromacy



Original Color

79.7300, 0.1331, 97.5838

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.6330, 0.1809, 35.4019

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7300, 0.1331, 97.5838 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(191, 23, 80)` looks like.

```
.text, #text, p{  
    color:rgb(191, 23, 80)  
}
```

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(191, 23, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 23, 80) }
```

Border

The CSS property to change the border of an element to YUV 79.7300, 0.1331, 97.5838 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(191, 23, 80) }
```


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

```
.border{ border-color:rgb(191, 23, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 23, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 23, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 23, 80);  
box-shadow:4px 4px 4px 4px rgb(191, 23,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 79.7300, 0.1331, 97.5838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 23, 80) }
```

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

```
.background{ background-color: rgb(191, 23,  
80) }
```

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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