

Converting Colors

YUV(73.2350, 0.8701, 94.5099)

Have a look what the booklet for
YUV(73.2350, 0.8701, 94.5099)
contains.

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Color

**YUV(73.2350, 0.8701,
94.5099)**

Conversions

Conversions Part 1

Format	Color
Hex	B5124B
RGB	181, 18, 75
RGB Percent	71%, 7%, 29%
CMY	0.2902, 0.9294, 0.7059
CMYK	0.00, 0.90, 0.59, 0.29
HSL	339°, 82%, 39%
HSV	339°, 90%, 71%
XYZ	20.5424, 10.7644, 7.6516
YIQ	73.2350, 78.8510, 52.2830

Conversions

Conversions Part 2

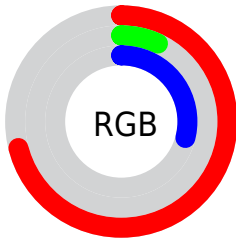
Format	Color
R_{YB}	181, 18, 75
Decimal	11866699
CIE _{Lab}	39.18, 62.21, 12.61
CIE _{LCh}	39, 63.476, 11.455
Yxy	10.7644, 0.5273, 0.2763
Android (android.graphics.Color)	4290056779 (0xFFB5124B)
YUV	73.2350, 0.8701, 94.5099
Hunter-Lab	32.8091, 54.3461, 9.1389

Details

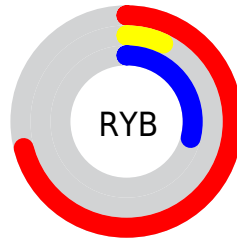
The YUV color **73.2350, 0.8701, 94.5099** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **125.7650, -0.8701, -94.5099**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7480, -7.2708, 92.3060**, and **39.8270, -3.8587, 71.1887** is the 20% darker color. If you saturate the color by 10%, you get **61.3010, 0.8376, 104.9760**, and if you desaturate by 10%, it is **85.1690, 0.9027, 84.0438**.

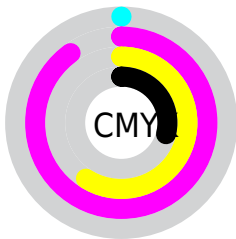
Distribution



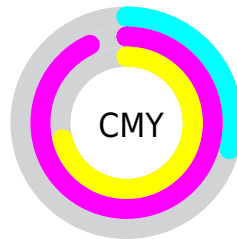
- Red (71%)
- Green (7%)
- Blue (29%)



- Red (71%)
- Yellow (7%)
- Blue (29%)



- Cyan (0%)
- Magenta (90%)
- Yellow (59%)
- Black (29%)





- Cyan (29%)
- Magenta (93%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.2350, 0.8701, 94.5099 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 73.2350, 0.8701, 94.5099 by changing the saturation by 10% instead.


 73.2350, 0.8701,
94.5099


 73.2350, 0.8701,
94.5099


255.0000, 0.0000,
0.0000

 51.1910, 0.8918,
87.5325

 137.7480, -7.2708,
92.3060


 39.8270, -3.8587,
71.1887


 161.3230, -6.0752,
82.1547


 28.4200, -10.0671,
55.7597

 180.8370, -2.3846,
65.0410

 19.4780, -8.1237,
39.0458

 200.9380, 1.0166,
47.4124

 8.7850, -3.8380,
17.7286

 221.1530, 4.8546,
29.6838

 0.0000, 0.0000,
0.0000

 240.9120, 6.9454,

■ 73.2350, 0.8701,
94.5099

■ 73.2350, 0.8701,
94.5099

■ 61.3010, 0.8376,
104.9760

■ 85.1690, 0.9027,
84.0438

■ 97.1030, 0.9352,
73.5777

■ 108.9230, 0.5310,
63.2115

■ 120.8570, 0.5635,
52.7454

■ 133.3780, 0.3066,
41.7645

■ 145.3120, 0.3392,
31.2984

■ 157.1320, -0.0651,
20.9322

■ 169.0660, -0.0325,
10.4661

■ 181.0000, 0.0000,
0.0000

Harmonies

Analogous

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



83.3690, 21.0171, 72.4674



73.2350, 0.8701, 94.5099



82.7310, -28.4614, 75.6579

Triad

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



73.2350, 0.8701, 94.5099



71.4800, -35.2396, -37.2550



84.5830, 52.4636, -74.1793

Complementary

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



73.2350, 0.8701, 94.5099



125.7650, -0.8701, -94.5099

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.



84.5710, 37.1865, -74.1688



73.2350, 0.8701, 94.5099



72.2420, -7.5143, -63.3562

Square

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



73.2350, 0.8701, 94.5099



84.7570, -41.7852, 8.9831



79.5720, 15.4940, -69.7846



76.2340, 58.5516, -66.8572

Rectangle

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



73.2350, 0.8701, 94.5099



85.3530, -42.0790, 56.6954



79.5720, 15.4940, -69.7846



85.4320, 48.1010, -74.9239

Sweetspot

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



73.2350, 0.8701, 94.5099



192.6440, 0.1755, 37.1462



68.2760, 55.5729, 48.8699



92.5450, 0.2243, 21.4470



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



73.2350, 0.8701, 94.5099



79.6130, 1.1768, 136.2744



80.8250, -30.9727, 87.8535



83.0330, -0.0163, 5.2331



51.9030, 1.0338, 88.6621



8.8000, 0.0986, 15.0844

Inverse Universe

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



73.2350, 0.8701, 94.5099



79.6130, 1.1768, 136.2744



118.1750, 30.9727, -87.8535



83.0330, -0.0163, 5.2331



51.9030, 1.0338, 88.6621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 73.2350, 0.8701, 94.5099 looks on a white background.

Color Contrast Check

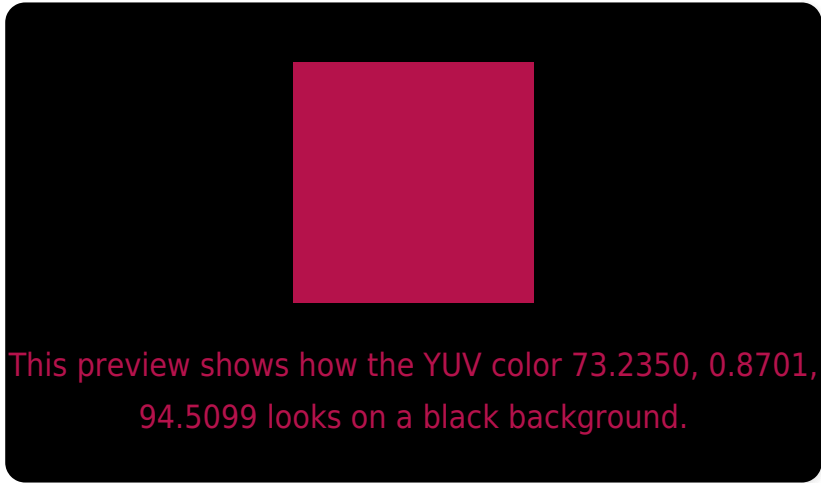
Large Text (above 18pt) WCAG AA ✓ Pass

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

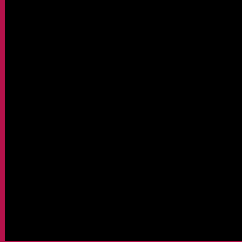
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2350, 0.8701, 94.5099

Background



This preview shows how black text looks on a background with the YUV color 73.2350, 0.8701, 94.5099.



This preview shows how white text looks on a background with the YUV color 73.2350, 0.8701, 94.5099.

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

73.2350, 0.8701, 94.5099

Protanopia

94.4110, 6.6994, -2.1144

Deuteranopia

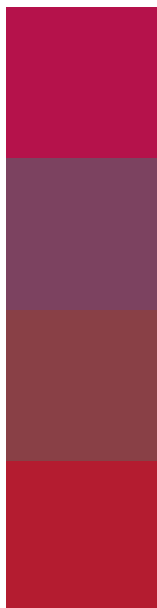
93.9560, -13.2893, 15.8246



Tritanopia

77.2410, -21.8108, 89.2426

Trichromacy



Original Color

73.2350, 0.8701, 94.5099

Protanomaly

86.7620, 4.5543, 32.6577

Deuteranomaly

86.5110, -8.1399, 44.2789

Tritanomaly

75.7280, -13.6699, 91.4465

Monochromacy



Original Color

73.2350, 0.8701, 94.5099

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0350, 0.4757, 34.1723

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2350, 0.8701, 94.5099 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(181, 18, 75)` looks like.

```
.text, #text, p{  
    color:rgb(181, 18, 75)  
}
```

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(181, 18, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 18, 75) }
```

Border

The CSS property to change the border of an element to YUV 73.2350, 0.8701, 94.5099 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(181, 18, 75) }
```


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

```
.border{ border-color:rgb(181, 18, 75) }
```

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

Here you see how a box with a 4 pixel rgb(181, 18, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 18, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 18, 75);  
box-shadow:4px 4px 4px 4px rgb(181, 18,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 73.2350, 0.8701, 94.5099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 18, 75) }
```

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

```
.background{ background-color: rgb(181, 18,  
75) }
```

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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