

Converting Colors

YUV(97.6450, 5.5980, 71.3483)

Have a look what the booklet for
YUV(97.6450, 5.5980, 71.3483)
contains.

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Color

**YUV(97.6450, 5.5980,
71.3483)**

Conversions

Conversions Part 1

Format	Color
Hex	B3366D
RGB	179, 54, 109
RGB Percent	70%, 21%, 43%
CMY	0.2980, 0.7882, 0.5725
CMYK	0.00, 0.70, 0.39, 0.30
HSL	334°, 54%, 46%
HSV	334°, 70%, 70%
XYZ	22.6699, 13.3262, 15.8454
YIQ	97.6450, 56.8450, 43.6050

Conversions

Conversions Part 2

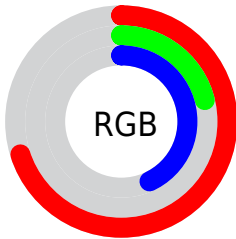
Format	Color
R_{YB}	179, 54, 109
Decimal	11744877
CIE _{Lab}	43.25, 54.69, -3.04
CIE _{LCh}	43, 54.774, 356.816
Yxy	13.3262, 0.4373, 0.2571
Android (android.graphics.Color)	4289934957 (0xFFB3366D)
YUV	97.6450, 5.5980, 71.3483
Hunter-Lab	36.5050, 46.9660, -0.1819

Details

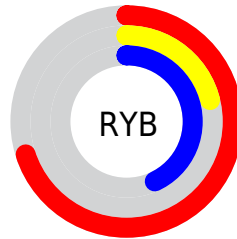
The YUV color **97.6450, 5.5980, 71.3483** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **135.3550, -5.5980, -71.3483**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9720, 2.9718, 73.6926**, and **43.5460, 9.0978, 68.8042** is the 20% darker color. If you saturate the color by 10%, you get **85.9390, 6.4391, 81.6145**, and if you desaturate by 10%, it is **109.3510, 4.7570, 61.0822**.

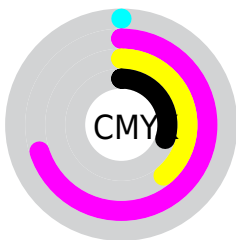
Distribution



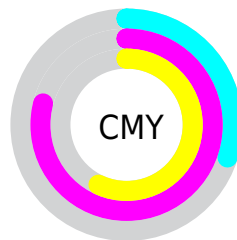
- Red (70%)
- Green (21%)
- Blue (43%)



- Red (70%)
- Yellow (21%)
- Blue (43%)



- Cyan (0%)
- Magenta (70%)
- Yellow (39%)
- Black (30%)



- Cyan (30%)
- Magenta (79%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6450, 5.5980, 71.3483 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 97.6450, 5.5980, 71.3483 by changing the saturation by 10% instead.

 97.6450, 5.5980,
71.3483

 97.6450, 5.5980,
71.3483


255.0000, 0.0000,
0.0000


 66.2800, 9.2290,
73.4224


 153.9720, 2.9718,
73.6926


 43.5460, 9.0978,
68.8042


 177.9820, 4.4459,
67.5448


 32.3670, 3.7631,
53.1751

 197.6100, 8.5733,
50.3310

 22.3130, -1.1403,
39.1905

 217.8250, 12.4113,
32.6025

 11.7750, -5.3121,
23.8763

 236.2160, 9.2605,
16.4736

 0.0000, 0.0000,
0.0000

 253.2390, 0.8682,

1.5444

■ 97.6450, 5.5980,
71.3483

■ 97.6450, 5.5980,
71.3483

■ 85.9390, 6.4391,
81.6145

■ 109.3510, 4.7570,
61.0822

■ 74.2330, 7.2801,
91.8807

■ 121.0570, 3.9159,
50.8160

■ 62.5270, 8.1212,
102.1468

■ 132.7630, 3.0748,
40.5498

■ 144.4690, 2.2338,
30.2837

■ 156.1750, 1.3927,
20.0175

■ 167.2940, 0.8411,
10.2662

■ 179.0000, 0.0000,
0.0000

■ 190.7060, -0.8411,
-10.2662

■ 202.4120, -1.6821,
-20.5323

Harmonies

Analogous

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



103.9800, 24.1669, 42.1135



97.6450, 5.5980, 71.3483



96.3360, -15.9416, 73.3733

Triad

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



97.6450, 5.5980, 71.3483



89.9740, -44.3572, -6.1162



90.1450, 43.3125, -79.0572

Complementary

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



97.6450, 5.5980, 71.3483



135.3550, -5.5980, -71.3483

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.



88.3890, 26.4302, -77.5172



97.6450, 5.5980, 71.3483



75.4390, -13.0344, -66.1600

Square

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



97.6450, 5.5980, 71.3483



95.4990, -47.0810, 27.6264



82.5580, 6.6269, -72.4034



85.9850, 52.7584, -75.4088

Rectangle

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



97.6450, 5.5980, 71.3483



97.6000, -29.8758, 62.6178



82.5580, 6.6269, -72.4034



90.1790, 38.3658, -79.0870

Sweetspot

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



97.6450, 5.5980, 71.3483



200.1590, 2.3866, 27.9246



88.8810, 44.4287, 29.9224



98.1530, 1.4036, 16.5288



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.



97.6450, 5.5980, 71.3483



105.1090, 8.8203, 111.2834



94.8970, -20.1622, 73.7583



83.1470, 0.4205, 5.1331



53.3850, 6.7122, 87.3624



9.0280, 0.9722, 14.8844

Inverse Universe

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



97.6450, 5.5980, 71.3483



105.1090, 8.8203, 111.2834



138.1030, 20.1622, -73.7583



83.1470, 0.4205, 5.1331



53.3850, 6.7122, 87.3624



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 97.6450, 5.5980, 71.3483 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 97.6450, 5.5980, 71.3483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

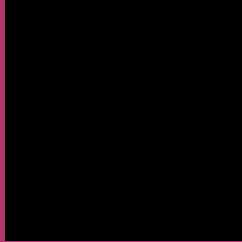
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.6450, 5.5980, 71.3483

Background



This preview shows how black text looks on a background with the YUV color 97.6450, 5.5980, 71.3483.



This preview shows how white text looks on a background with the YUV color 97.6450, 5.5980,

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

97.6450, 5.5980, 71.3483

Protanopia

103.2280, 17.6356, -9.8470

Deuteranopia

104.2290, -0.6059, 7.6922



Tritanopia

97.9440, -14.7624, 68.4551

Trichromacy



Original Color

97.6450, 5.5980, 71.3483

Protanomaly

101.5630, 13.0334, 19.6772

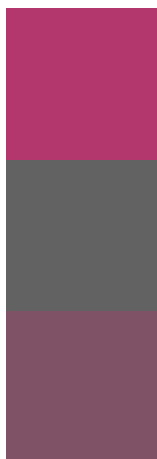
Deuteranomaly

101.6540, 1.6496, 30.9984

Tritanomaly

97.6050, -7.2003, 69.6294

Monochromacy



Original Color

97.6450, 5.5980, 71.3483

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7350, 2.1026, 25.6654

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6450, 5.5980, 71.3483 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(179, 54, 109)` looks like.

```
.text, #text, p{  
    color:rgb(179, 54, 109)  
}
```

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(179, 54, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 54, 109) }
```

Border

The CSS property to change the border of an element to YUV 97.6450, 5.5980, 71.3483 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(179, 54, 109) }
```


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

```
.border{ border-color:rgb(179, 54, 109) }
```

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

Here you see how a box with a 4 pixel rgb(179, 54, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 54, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 54, 109);  
box-shadow:4px 4px 4px 4px rgb(179, 54,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 97.6450, 5.5980, 71.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 54, 109) }
```

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

```
.background{ background-color: rgb(179, 54,  
109) }
```

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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