

Converting Colors

YUV(75.9640, -1.4613, 95.6246)

Have a look what the booklet for
YUV(75.9640, -1.4613, 95.6246)
contains.

YUV(75.9640, -1.4613, 95.6246)	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(75.9640, -1.4613,
95.6246)**

Conversions

Conversions Part 1

Format	Color
Hex	B91549
RGB	185, 21, 73
RGB Percent	73%, 8%, 29%
CMY	0.2745, 0.9176, 0.7137
CMYK	0.00, 0.89, 0.61, 0.27
HSL	341°, 80%, 40%
HSV	341°, 89%, 73%
XYZ	21.4783, 11.3317, 7.3585
YIQ	75.9640, 81.0520, 50.9400

Conversions

Conversions Part 2

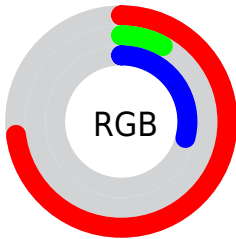
Format	Color
R_{YB}	185, 21, 73
Decimal	12129609
CIE Lab	40.13, 62.59, 15.32
CIE LCh	40, 64.441, 13.750
Yxy	11.3317, 0.5347, 0.2821
Android (android.graphics.Color)	4290319689 (0xFFB91549)
YUV	75.9640, -1.4613, 95.6246
Hunter-Lab	33.6625, 54.9823, 10.6032

Details

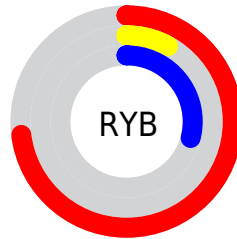
The YUV color **75.9640, -1.4613, 95.6246** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **130.0360, 1.4613, -95.6246**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8900, -9.3128, 93.9355**, and **40.4960, -5.1745, 73.2330** is the 20% darker color. If you saturate the color by 10%, you get **63.9160, -1.9306, 106.1907**, and if you desaturate by 10%, it is **88.5990, -1.2813, 84.5437**.

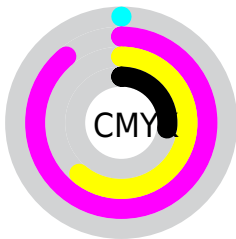
Distribution



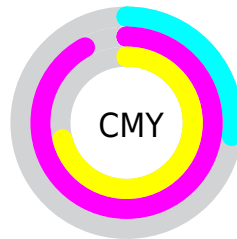
- Red (73%)
- Green (8%)
- Blue (29%)



- Red (73%)
- Yellow (8%)
- Blue (29%)



- Cyan (0%)
- Magenta (89%)
- Yellow (61%)
- Black (27%)





- Cyan (27%)
- Magenta (92%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.9640, -1.4613, 95.6246 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 75.9640, -1.4613, 95.6246 by changing the saturation by 10% instead.


 75.9640, -1.4613,
95.6246


 75.9640, -1.4613,
95.6246


255.0000, 0.0000,
0.0000


 52.1590, -0.5714,
90.1916


 139.8900, -9.3128,
93.9355


 40.4960, -5.1745,
73.2330


 162.2690, -7.5276,
81.3251


 28.9750, -11.8197,
57.9039

 181.6690, -4.2738,
64.3113

 20.3750, -8.5659,
40.8901

 201.8840, -0.4358,
46.5827

 10.2800, -4.5750,
20.8024

 222.0990, 3.4022,
28.8542

 0.0000, 0.0000,
0.0000

 242.0860, 6.3666,

11.3256

■ 75.9640, -1.4613,
95.6246

■ 75.9640, -1.4613,
95.6246

■ 63.9160, -1.9306,
106.1907

■ 88.5990, -1.2813,
84.5437

■ 62.0410, -1.4992,
107.8350

■ 100.5330, -1.2488,
74.0776

■ 113.1680, -1.0688,
62.9967

■ 125.2160, -0.5995,
52.4306

■ 137.7370, -0.8563,
41.4497

■ 149.7850, -0.3870,
30.8836

■ 162.3060, -0.6439,
19.9026

■ 174.3540, -0.1745,
9.3365

■ 186.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



84.4620, 19.9852, 76.7708



75.9640, -1.4613, 95.6246



85.2210, -31.6610, 75.2282

Triad

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



75.9640, -1.4613, 95.6246



70.2510, -34.6337, -44.9471



86.4410, 54.5056, -75.8088

Complementary

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



75.9640, -1.4613, 95.6246



130.0360, 1.4613, -95.6246

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.



87.1300, 39.3759, -76.4130



75.9640, -1.4613, 95.6246



74.6870, -5.7617, -65.5005

Square

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



75.9640, -1.4613, 95.6246



86.5070, -42.6480, 5.6944



82.1310, 17.6834, -72.0289



77.1630, 59.5726, -67.6720

Rectangle

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



75.9640, -1.4613, 95.6246



88.0000, -43.3840, 55.2510



82.1310, 17.6834, -72.0289



87.4040, 50.5798, -76.6533

Sweetspot

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



75.9640, -1.4613, 95.6246



196.8290, -0.4087, 37.8610



72.2870, 55.5675, 50.6143



94.1430, -0.0705, 22.6766



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



75.9640, -1.4613, 95.6246



80.4240, -2.1810, 139.9482



85.8850, -31.9883, 86.9239



86.0330, -0.0163, 5.2331



52.2300, -1.5924, 91.0063



9.3980, -0.1962, 16.3140

Inverse Universe

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



75.9640, -1.4613, 95.6246



80.4240, -2.1810, 139.9482



120.1150, 31.9883, -86.9239



86.0330, -0.0163, 5.2331



52.2300, -1.5924, 91.0063



9.3980, -0.1962, 16.3140

Previews

White Background



This preview shows how the YUV color 75.9640, -1.4613, 95.6246 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 75.9640, -1.4613, 95.6246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

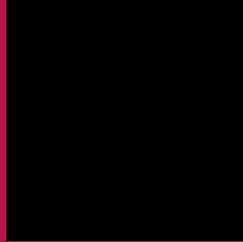
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.9640, -1.4613, 95.6246

Background



This preview shows how black text looks on a background with the YUV color 75.9640, -1.4613, 95.6246.



This preview shows how white text looks on a background with the YUV color 75.9640, -1.4613,

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

75.9640, -1.4613, 95.6246

Protanopia

96.7270, 4.0786, -1.5146

Deuteranopia

95.7990, -15.1839, 16.8393



Tritanopia

78.8500, -22.1110, 92.2166

Trichromacy



Original Color

75.9640, -1.4613, 95.6246

Protanomaly

89.3770, 1.7861, 33.8724

Deuteranomaly

88.3540, -10.0345, 45.2935

Tritanomaly

77.5110, -14.5489, 93.3909

Monochromacy



Original Color

75.9640, -1.4613, 95.6246

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1060, -0.5453, 34.9870

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9640, -1.4613, 95.6246 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(185, 21, 73)` looks like.

```
.text, #text, p{  
    color:rgb(185, 21, 73)  
}
```

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(185, 21, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 21, 73) }
```

Border

The CSS property to change the border of an element to YUV 75.9640, -1.4613, 95.6246 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(185, 21, 73) }
```


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

```
.border{ border-color:rgb(185, 21, 73) }
```

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

Here you see how a box with a 4 pixel rgb(185, 21, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 21, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 21, 73);  
box-shadow:4px 4px 4px 4px rgb(185, 21,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 75.9640, -1.4613, 95.6246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 21, 73) }
```

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

```
.background{ background-color: rgb(185, 21,  
73) }
```

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