

Converting Colors

YUV(93.0660, 10.3205, 49.9311)

Have a look what the booklet for
YUV(93.0660, 10.3205, 49.9311)
contains.

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Color

**YUV(93.0660, 10.3205,
49.9311)**

Conversions

Conversions Part 1

Format	Color
Hex	963C72
RGB	150, 60, 114
RGB Percent	59%, 24%, 45%
CMY	0.4118, 0.7647, 0.5529
CMYK	0.00, 0.60, 0.24, 0.41
HSL	324°, 43%, 41%
HSV	324°, 60%, 59%
XYZ	17.2308, 10.9307, 17.1213
YIQ	93.0660, 36.3060, 35.8740

Conversions

Conversions Part 2

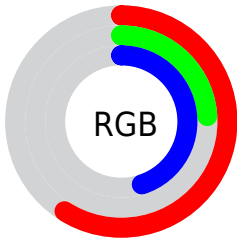
Format	Color
R_{YB}	150, 60, 114
Decimal	9845874
CIE _{Lab}	39.46, 43.92, -12.32
CIE _{LCh}	39, 45.612, 344.325
Yxy	10.9307, 0.3805, 0.2414
Android (android.graphics.Color)	4288035954 (0xFF963C72)
YUV	93.0660, 10.3205, 49.9311
Hunter-Lab	33.0615, 35.1718, -7.5608

Details

The YUV color **93.0660, 10.3205, 49.9311** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **116.9340, -10.3205, -49.9311**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5610, 9.5834, 53.0050**, and **36.2280, 14.6776, 52.4200** is the 20% darker color. If you saturate the color by 10%, you get **83.5770, 12.0405, 58.2530**, and if you desaturate by 10%, it is **102.5550, 8.6004, 41.6093**.

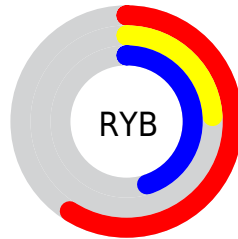
Distribution



Red (59%)

Green (24%)

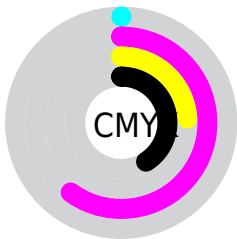
Blue (45%)



Red (59%)

Yellow (24%)

Blue (45%)

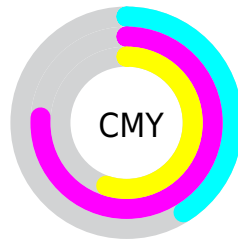


Cyan (0%)

Magenta (60%)

Yellow (24%)

Black (41%)



Cyan (41%)


Magenta (76%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.0660, 10.3205, 49.9311 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 93.0660, 10.3205, 49.9311 by changing the saturation by 10% instead.


 93.0660, 10.3205,
49.9311

 93.0660, 10.3205,
49.9311


255.0000, 0.0000,
0.0000


 66.2940, 11.1941,
49.7312


 146.5610, 9.5834,
53.0050


 36.2280, 14.6776,
52.4200

 174.1590, 9.2886,
54.2346


 25.9460, 8.9006,
38.6354

 198.8810, 10.9047,
49.2164

 17.0880, 3.4076,
27.1098

 218.6230, 15.4689,
31.9026

 0.0000, 0.0000,
0.0000

 235.6290, 9.5499,
16.9884

 252.6520, 1.1576,

2.0592

■ 93.0660, 10.3205,
49.9311

■ 93.0660, 10.3205,
49.9311

■ 83.5770, 12.0405,
58.2530

■ 102.5550, 8.6004,
41.6093

■ 74.0880, 13.7606,
66.5748

■ 112.0440, 6.8803,
33.2874

■ 64.5990, 15.4807,
74.8967

■ 121.5330, 5.1602,
24.9656

■ 55.1100, 17.2008,
83.2185

■ 131.0220, 3.4402,
16.6437

■ 140.5110, 1.7201,
8.3219

■ 150.0000, 0.0000,
0.0000

■ 159.4890, -1.7201,
-8.3219

■ 168.9780, -3.4402,
-16.6437

■ 178.4670, -5.1602,
-24.9656

Harmonies

Analogous

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



95.7660, 25.2584, 18.6222



93.0660, 10.3205, 49.9311



90.0770, -6.4470, 61.3225

Triad

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



93.0660, 10.3205, 49.9311



86.2560, -38.5802, 7.6685



80.3990, 31.3553, -70.5099

Complementary

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



93.0660, 10.3205, 49.9311



116.9340, -10.3205, -49.9311

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.



77.1100, 16.2148, -67.6255



93.0660, 10.3205, 49.9311



81.2870, -22.3265, -25.6847

Square

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



93.0660, 10.3205, 49.9311



89.1760, -37.0618, 34.0486



72.1910, -0.0942, -63.3115



79.1570, 41.8276, -69.4207

Rectangle

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



93.0660, 10.3205, 49.9311



90.2540, -18.3662, 57.6592



72.1910, -0.0942, -63.3115



79.8460, 26.6979, -70.0249

Sweetspot

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



93.0660, 10.3205, 49.9311



171.8590, 4.0135, 19.4177



81.0240, 34.0052, 13.1340



83.6470, 2.1460, 11.7106



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



93.0660, 10.3205, 49.9311



105.4360, 16.0541, 77.6706



87.9360, -9.3354, 54.4301



69.5490, 0.7153, 3.9035



50.7240, 15.9121, 76.5411



3.6740, 1.1467, 5.5479

Inverse Universe

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



93.0660, 10.3205, 49.9311



105.4360, 16.0541, 77.6706



122.0640, 9.3354, -54.4301



69.5490, 0.7153, 3.9035



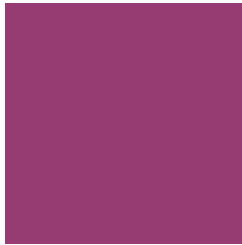
50.7240, 15.9121, 76.5411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 93.0660, 10.3205, 49.9311 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 93.0660, 10.3205, 49.9311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

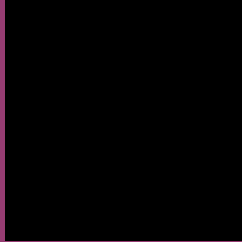
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.0660, 10.3205, 49.9311

Background



This preview shows how black text looks on a background with the YUV color 93.0660, 10.3205, 49.9311.



This preview shows how white text looks on a background with the YUV color 93.0660, 10.3205,

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

93.0660, 10.3205, 49.9311

Protanopia

93.3570, 22.0090, -12.5911

Deuteranopia

94.2480, 7.2727, 0.6595



Tritanopia

92.5930, -9.1663, 46.8379

Trichromacy



Original Color

93.0660, 10.3205, 49.9311

Protanomaly

93.0610, 17.7179, 10.4705

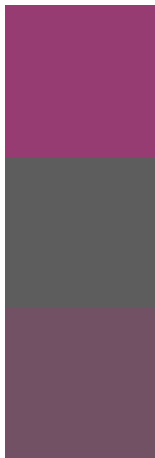
Deuteranomaly

93.9990, 8.3815, 18.4179

Tritanomaly

92.8410, -1.8936, 47.4974

Monochromacy



Original Color

93.0660, 10.3205, 49.9311

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1470, 3.8715, 18.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.0660, 10.3205, 49.9311 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(150, 60, 114)` looks like.

```
.text, #text, p{  
    color:rgb(150, 60, 114)  
}
```

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(150, 60, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 60, 114) }
```

Border

The CSS property to change the border of an element to YUV 93.0660, 10.3205, 49.9311 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(150, 60, 114) }
```


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

```
.border{ border-color:rgb(150, 60, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 60, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 60, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 60, 114); box-shadow:4px 4px 4px 4px rgb(150, 60, 114) }
```

Background

The CSS property to change the background color of an element to YUV 93.0660, 10.3205, 49.9311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 60, 114) }
```

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

```
.background{ background-color: rgb(150, 60,  
114) }
```

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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