

Converting Colors

YUV(91.7070, 11.4834, 50.2460)

Have a look what the booklet for
YUV(91.7070, 11.4834, 50.2460)
contains.

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Color

**YUV(91.7070, 11.4834,
50.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	953A73
RGB	149, 58, 115
RGB Percent	58%, 23%, 45%
CMY	0.4157, 0.7725, 0.5490
CMYK	0.00, 0.61, 0.23, 0.42
HSL	322°, 44%, 41%
HSV	322°, 61%, 58%
XYZ	17.0020, 10.6535, 17.3799
YIQ	91.7070, 35.9390, 37.0190

Conversions

Conversions Part 2

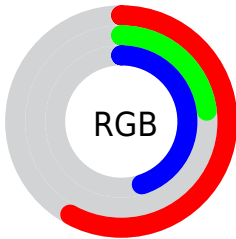
Format	Color
R_{YB}	149, 58, 115
Decimal	9779827
CIE _{Lab}	38.99, 44.70, -13.68
CIE _{LCh}	39, 46.742, 342.983
Yxy	10.6535, 0.3775, 0.2366
Android (android.graphics.Color)	4287969907 (0xFF953A73)
YUV	91.7070, 11.4834, 50.2460
Hunter-Lab	32.6397, 35.8612, -8.7228

Details

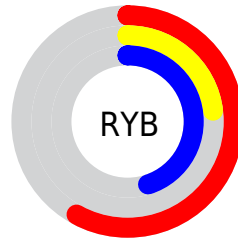
The YUV color **91.7070, 11.4834, 50.2460** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **115.2930, -11.4834, -50.2460**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.9030, 10.8938, 52.7051**, and **36.0430, 15.2618, 51.7053** is the 20% darker color. If you saturate the color by 10%, you get **82.2180, 13.2035, 58.5678**, and if you desaturate by 10%, it is **101.1960, 9.7634, 41.9241**.

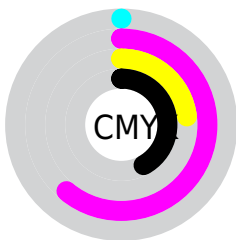
Distribution



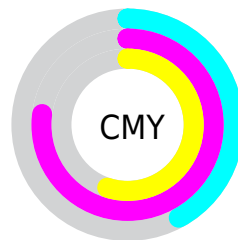
- Red (58%)
- Green (23%)
- Blue (45%)



- Red (58%)
- Yellow (23%)
- Blue (45%)



- Cyan (0%)
- Magenta (61%)
- Yellow (23%)
- Black (42%)



- Cyan (42%)
- Magenta (77%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7070, 11.4834, 50.2460 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 91.7070, 11.4834, 50.2460 by changing the saturation by 10% instead.

91.7070, 11.4834,
50.2460

91.7070, 11.4834,
50.2460

255.0000, 0.0000,
0.0000

64.9350, 12.3570,
50.0460

144.9030, 10.8938,
52.7051

36.0430, 15.2618,
51.7053

172.8000, 10.4516,
54.5494

25.7610, 9.4848,
37.9206

197.8210, 11.9202,
50.1460

16.7890, 3.5550,
26.4950

217.5630, 16.4844,
32.8322

0.0000, 0.0000,
0.0000

234.4550, 10.1287,
18.0180

251.4780, 1.7363,

3.0888

■ 91.7070, 11.4834,
50.2460

■ 91.7070, 11.4834,
50.2460

■ 82.2180, 13.2035,
58.5678

■ 101.1960, 9.7634,
41.9241

■ 72.8430, 15.3604,
66.7897

■ 110.5710, 7.6065,
33.7022

■ 63.3540, 17.0805,
75.1115

■ 120.0600, 5.8864,
25.3804

■ 55.1530, 18.6586,
82.3038

■ 129.4350, 3.7295,
17.1585

■ 138.3370, 2.2989,
9.3515

■ 147.7120, 0.1420,
1.1296

■ 157.2010, -1.5781,
-7.1923

■ 166.6900, -3.2982,
-15.5141

■ 176.0650, -5.4550,
-23.7360

Harmonies

Analogous

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



94.3960, 26.4268, 17.1927



91.7070, 11.4834, 50.2460



88.3160, -5.5788, 62.8669

Triad

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



91.7070, 11.4834, 50.2460



84.2840, -41.0590, 9.3979



79.6980, 31.2079, -69.8951

Complementary

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



91.7070, 11.4834, 50.2460



115.2930, -11.4834, -50.2460

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.



76.8820, 15.3412, -67.4255



91.7070, 11.4834, 50.2460



80.1300, -24.2211, -24.6700

Square

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



91.7070, 11.4834, 50.2460



87.5460, -38.2302, 35.4782



71.1480, -1.5520, -62.3968



78.5700, 42.1170, -68.9059

Rectangle

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



91.7070, 11.4834, 50.2460



88.4930, -17.4980, 59.2036



71.1480, -1.5520, -62.3968



79.0310, 26.1137, -69.3102

Sweetspot

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



91.7070, 11.4834, 50.2460



171.9730, 4.4503, 19.3177



78.2410, 34.8842, 11.1896



83.7610, 2.5828, 11.6106



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.



91.7070, 11.4834, 50.2460



104.6040, 17.9432, 78.4003



86.5770, -8.1725, 54.7450



69.5490, 0.7153, 3.9035



51.0660, 17.2225, 76.2411



3.6740, 1.1467, 5.5479

Inverse Universe

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



91.7070, 11.4834, 50.2460



104.6040, 17.9432, 78.4003



120.4230, 8.1725, -54.7450



69.5490, 0.7153, 3.9035



51.0660, 17.2225, 76.2411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 91.7070, 11.4834, 50.2460 looks on a white background.

Color Contrast Check

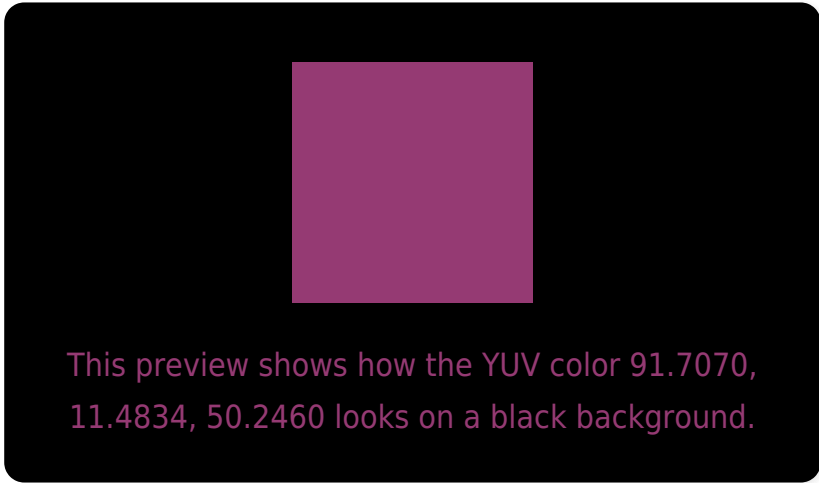
Large Text (above 18pt) WCAG AA ✓ Pass

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

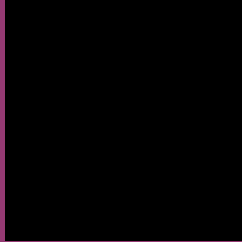
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.7070, 11.4834, 50.2460

Background



This preview shows how black text looks on a background with the YUV color 91.7070, 11.4834, 50.2460.



This preview shows how white text looks on a background with the YUV color 91.7070, 11.4834,

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

91.7070, 11.4834, 50.2460

Protanopia

92.1010, 23.6142, -14.1206

Deuteranopia

93.1770, 8.2937, -0.1552



Tritanopia

91.5930, -9.1663, 46.8379

Trichromacy



Original Color

91.7070, 11.4834, 50.2460

Protanomaly

92.1040, 19.1757, 9.5558

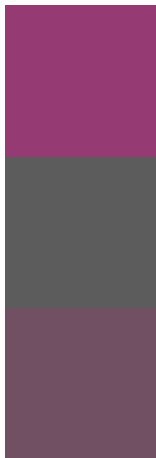
Deuteranomaly

92.3410, 9.6919, 18.1179

Tritanomaly

91.2540, -1.6042, 48.0122

Monochromacy



Original Color

91.7070, 11.4834, 50.2460

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.1470, 3.8715, 18.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7070, 11.4834, 50.2460 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(149, 58, 115)` looks like.

```
.text, #text, p{  
    color:rgb(149, 58, 115)  
}
```

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(149, 58, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 58, 115) }
```

Border

The CSS property to change the border of an element to YUV 91.7070, 11.4834, 50.2460 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(149, 58, 115) }
```


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

```
.border{ border-color:rgb(149, 58, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 58, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 58, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 58, 115);  
box-shadow:4px 4px 4px 4px rgb(149, 58,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 91.7070, 11.4834, 50.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 58, 115) }
```

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

```
.background{ background-color: rgb(149, 58,  
115) }
```

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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