

Converting Colors

YUV(91.2400, 9.7417, 48.9015)

Have a look what the booklet for
YUV(91.2400, 9.7417, 48.9015)
contains.

YUV(91.2400, 9.7417, 48.9015)	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(91.2400, 9.7417,
48.9015)**

Conversions

Conversions Part 1

Format	Color
Hex	933B6F
RGB	147, 59, 111
RGB Percent	58%, 23%, 44%
CMY	0.4235, 0.7686, 0.5647
CMYK	0.00, 0.60, 0.24, 0.42
HSL	325°, 43%, 40%
HSV	325°, 60%, 58%
XYZ	16.4658, 10.4787, 16.1937
YIQ	91.2400, 35.7560, 34.8280

Conversions

Conversions Part 2

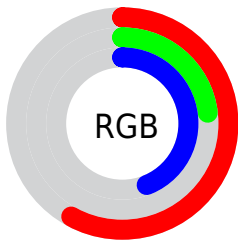
Format	Color
R_{YB}	147, 59, 111
Decimal	9649007
CIE _{Lab}	38.69, 43.01, -11.67
CIE _{LCh}	39, 44.562, 344.813
Yxy	10.4787, 0.3817, 0.2429
Android (android.graphics.Color)	4287839087 (0xFF933B6F)
YUV	91.2400, 9.7417, 48.9015
Hunter-Lab	32.3708, 34.1476, -7.0006

Details

The YUV color **91.2400, 9.7417, 48.9015** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **114.7600, -9.7417, -48.9015**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4360, 9.1521, 51.3606**, and **34.9890, 13.8094, 50.8756** is the 20% darker color. If you saturate the color by 10%, you get **81.7510, 11.4618, 57.2234**, and if you desaturate by 10%, it is **100.7290, 8.0216, 40.5797**.

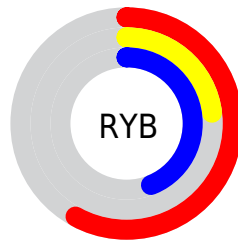
Distribution



Red (58%)

Green (23%)

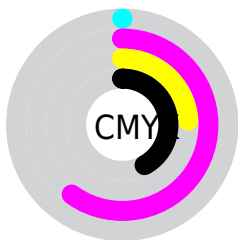
Blue (44%)



Red (58%)

Yellow (23%)

Blue (44%)

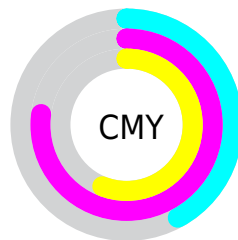


Cyan (0%)

Magenta (60%)

Yellow (24%)

Black (42%)



Cyan (42%)

Magenta (77%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.2400, 9.7417, 48.9015 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 91.2400, 9.7417, 48.9015 by changing the saturation by 10% instead.

91.2400, 9.7417,
48.9015

91.2400, 9.7417,
48.9015

255.0000, 0.0000,
0.0000

64.5820, 11.0521,
48.6016

144.4360, 9.1521,
51.3606

34.9890, 13.8094,
50.8756

171.4470, 9.1466,
53.1050

24.7070, 8.0324,
37.0910

197.9520, 9.8837,
50.0311

15.8490, 2.5394,
25.5654

216.9930, 14.3005,
33.3321

0.0000, 0.0000,
0.0000

235.0420, 9.8393,
17.5032

252.0650, 1.4470,

2.5740

■ 91.2400, 9.7417,
48.9015

■ 91.2400, 9.7417,
48.9015

■ 81.7510, 11.4618,
57.2234

■ 100.7290, 8.0216,
40.5797

■ 72.8490, 12.8924,
65.0304

■ 109.6310, 6.5909,
32.7726

■ 63.3600, 14.6125,
73.3523

■ 119.1200, 4.8708,
24.4508

■ 53.8710, 16.3326,
81.6741

■ 128.6090, 3.1508,
16.1289

■ 137.5110, 1.7201,
8.3219

■ 147.0000, 0.0000,
0.0000

■ 156.4890, -1.7201,
-8.3219

■ 165.9780, -3.4402,
-16.6437

■ 174.8800, -4.8708,
-24.4508

Harmonies

Analogous

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



93.8370, 24.2374, 19.4370



91.2400, 9.7417, 48.9015



88.0660, -6.4415, 59.5781

Triad

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



91.2400, 9.7417, 48.9015



84.2990, -37.1224, 6.7538



78.2960, 30.9131, -68.6656

Complementary

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



91.2400, 9.7417, 48.9015



114.7600, -9.7417, -48.9015

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.



75.8220, 16.3568, -66.4959



91.2400, 9.7417, 48.9015



79.5150, -21.4529, -25.8847

Square

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



91.2400, 9.7417, 48.9015



87.3930, -36.1827, 32.1043



70.9030, 0.0478, -62.1819



77.0540, 41.3854, -67.5764

Rectangle

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



91.2400, 9.7417, 48.9015



88.3570, -17.9240, 55.8149



70.9030, 0.0478, -62.1819



77.8570, 26.6925, -68.2806

Sweetspot

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



91.2400, 9.7417, 48.9015



169.4460, 3.7241, 18.9029



79.4970, 33.2790, 12.7191



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.



91.2400, 9.7417, 48.9015



104.1970, 15.1859, 76.1262



86.3380, -9.0406, 53.2006



69.5490, 0.7153, 3.9035



50.4960, 15.0385, 76.7410



3.6740, 1.1467, 5.5479

Inverse Universe

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



91.2400, 9.7417, 48.9015



104.1970, 15.1859, 76.1262



119.6620, 9.0406, -53.2006



69.5490, 0.7153, 3.9035



50.4960, 15.0385, 76.7410



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 91.2400, 9.7417, 48.9015 looks on a white background.

Color Contrast Check

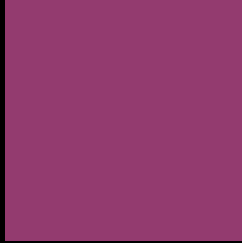
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.2400, 9.7417, 48.9015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

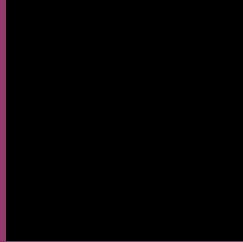
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.2400, 9.7417, 48.9015

Background



This preview shows how black text looks on a background with the YUV color 91.2400, 9.7417, 48.9015.



This preview shows how white text looks on a background with the YUV color 91.2400, 9.7417,

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

91.2400, 9.7417, 48.9015

Protanopia

91.4280, 20.9880, -11.7764

Deuteranopia

93.0200, 6.3991, 0.8595



Tritanopia

91.2940, -9.0189, 46.2232

Trichromacy



Original Color

91.2400, 9.7417, 48.9015

Protanomaly

91.5340, 16.9917, 10.0557

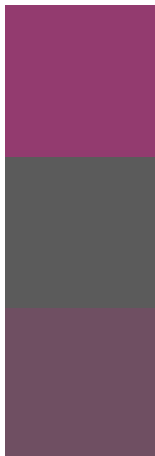
Deuteranomaly

92.4720, 7.6553, 18.0031

Tritanomaly

91.4280, -2.1830, 46.9826

Monochromacy



Original Color

91.2400, 9.7417, 48.9015

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.7340, 3.5821, 17.7733

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.2400, 9.7417, 48.9015 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(147, 59, 111)` looks like.

```
.text, #text, p{  
    color:rgb(147, 59, 111)  
}
```

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(147, 59, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 59, 111) }
```

Border

The CSS property to change the border of an element to YUV 91.2400, 9.7417, 48.9015 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(147, 59, 111) }
```


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

```
.border{ border-color:rgb(147, 59, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 59, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 59, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 59, 111);  
box-shadow:4px 4px 4px 4px rgb(147, 59,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 91.2400, 9.7417, 48.9015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 59, 111) }
```

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

```
.background{ background-color: rgb(147, 59,  
111) }
```

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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