

Converting Colors

YUV(94.0520, 1.4534, 47.3124)

Have a look what the booklet for
YUV(94.0520, 1.4534, 47.3124)
contains.

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Color

**YUV(94.0520, 1.4534,
47.3124)**

Conversions

Conversions Part 1

Format	Color
Hex	944261
RGB	148, 66, 97
RGB Percent	58%, 26%, 38%
CMY	0.4196, 0.7412, 0.6196
CMYK	0.00, 0.55, 0.34, 0.42
HSL	337°, 38%, 42%
HSV	337°, 55%, 58%
XYZ	16.3186, 11.0554, 12.5831
YIQ	94.0520, 38.9210, 27.0250

Conversions

Conversions Part 2

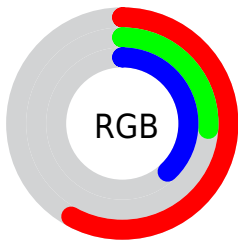
Format	Color
R_{YB}	148, 66, 97
Decimal	9716321
CIE Lab	39.67, 37.93, -1.43
CIE LCh	40, 37.952, 357.842
Yxy	11.0554, 0.4084, 0.2767
Android (android.graphics.Color)	4287906401 (0xFF944261)
YUV	94.0520, 1.4534, 47.3124
Hunter-Lab	33.2497, 29.4193, 0.8369

Details

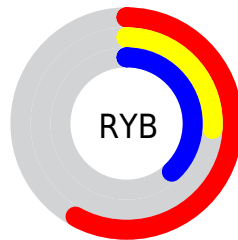
The YUV color **94.0520, 1.4534, 47.3124** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **119.9480, -1.4534, -47.3124**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4330, 0.2795, 50.4863**, and **41.5510, 4.6584, 45.9978** is the 20% darker color. If you saturate the color by 10%, you get **84.2210, 1.8630, 55.9342**, and if you desaturate by 10%, it is **103.8830, 1.0437, 38.6906**.

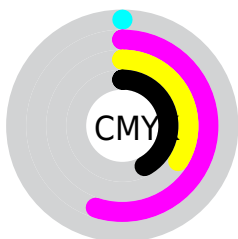
Distribution



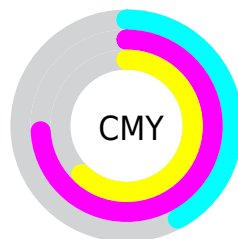
- Red (58%)
- Green (26%)
- Blue (38%)



- Red (58%)
- Yellow (26%)
- Blue (38%)



- Cyan (0%)
- Magenta (55%)
- Yellow (34%)
- Black (42%)



- Cyan (42%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.0520, 1.4534, 47.3124 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 94.0520, 1.4534, 47.3124 by changing the saturation by 10% instead.

■ 94.0520, 1.4534,
47.3124

■ 94.0520, 1.4534,
47.3124

■ 255.0000, 0.0000,
0.0000

■ 68.5680, 2.1850,
45.9829

■ 146.4330, 0.2795,
50.4863

■ 41.5510, 4.6584,
45.9978

■ 174.3300, -0.1627,
52.3306

■ 23.7520, 3.0803,
38.8055

■ 199.5360, 0.7218,
48.6419

■ 14.5090, -5.1809,
28.4946

■ 219.1640, 4.8491,
31.4282

■ 0.0000, 0.0000,
0.0000

■ 238.5640, 8.1029,
14.4144

■ 94.0520, 1.4534,
47.3124

■ 94.0520, 1.4534,
47.3124

■ 84.2210, 1.8630,
55.9342

■ 103.8830, 1.0437,
38.6906

■ 74.3900, 2.2727,
64.5560

■ 113.7140, 0.6340,
30.0688

■ 65.0320, 1.9562,
72.7629

■ 123.0720, 0.9505,
21.8619

■ 55.2010, 2.3659,
81.3847

■ 132.9030, 0.5408,
13.2401

■ 50.6360, 2.6445,
85.3882

■ 142.7340, 0.1311,
4.6183

■ 152.5650, -0.2785,
-4.0035

■ 162.3960, -0.6882,
-12.6253

■ 171.7540, -0.3717,

-20.8323

■ 181.5850, -0.7814,
-29.4540

Harmonies

Analogous

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



96.4870, 15.0429, 28.5139



94.0520, 1.4534, 47.3124



92.5780, -13.1030, 49.4821

Triad

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



94.0520, 1.4534, 47.3124



87.2080, -25.7385, -4.5674



78.1650, 32.9497, -68.5507

Complementary

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



94.0520, 1.4534, 47.3124



119.9480, -1.4534, -47.3124

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.



77.1900, 21.5983, -67.6956



94.0520, 1.4534, 47.3124



81.2070, -10.9481, -35.2615

Square

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



94.0520, 1.4534, 47.3124



90.0970, -30.6138, 19.2089



73.6560, 8.0576, -64.5963



76.6910, 38.6063, -62.8730

Rectangle

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



94.0520, 1.4534, 47.3124



92.6560, -21.5224, 43.2747



73.6560, 8.0576, -64.5963



78.0680, 30.0395, -68.4656

Sweetspot

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



94.0520, 1.4534, 47.3124



169.9360, 0.5246, 18.4731



90.5970, 28.2997, 23.1554



84.4790, 0.2569, 10.9809



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.



94.0520, 1.4534, 47.3124



108.1460, 2.3930, 72.6630



96.3880, -14.9813, 45.2637



69.3210, -0.1583, 4.1035



47.1900, 2.3713, 79.6404



3.4460, 0.2731, 5.7479

Inverse Universe

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



94.0520, 1.4534, 47.3124



108.1460, 2.3930, 72.6630



117.6120, 14.9813, -45.2637



69.3210, -0.1583, 4.1035



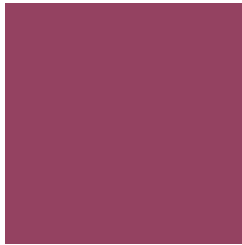
47.1900, 2.3713, 79.6404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 94.0520, 1.4534, 47.3124 looks on a white background.

Color Contrast Check

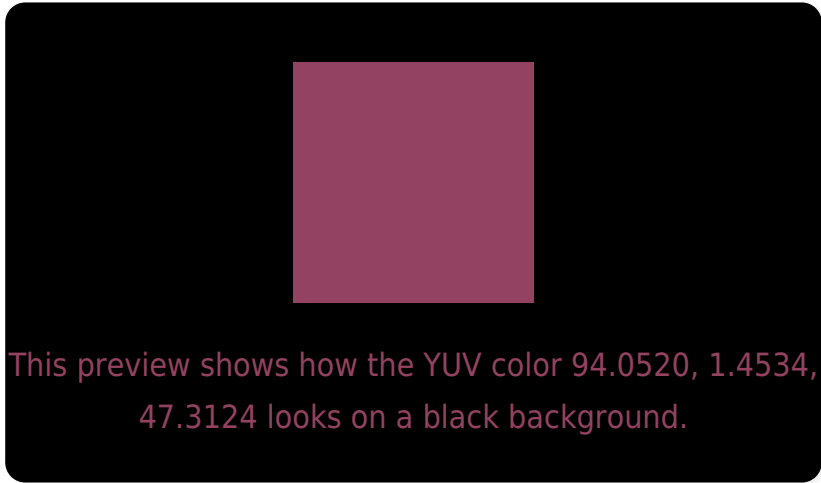
Large Text (above 18pt) WCAG AA ✓ Pass

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

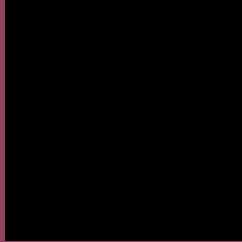
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.0520, 1.4534, 47.3124

Background



This preview shows how black text looks on a background with the YUV color 94.0520, 1.4534, 47.3124.



This preview shows how white text looks on a background with the YUV color 94.0520, 1.4534,

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

94.0520, 1.4534, 47.3124

Protanopia

94.4970, 9.6150, -3.9439

Deuteranopia

95.1150, -1.0427, 7.7921



Tritanopia

93.2940, -9.0189, 46.2232

Trichromacy



Original Color

94.0520, 1.4534, 47.3124

Protanomaly

94.2220, 6.7926, 14.7143

Deuteranomaly

94.7300, -0.3599, 22.1618

Tritanomaly

93.9180, -5.3826, 46.5529

Monochromacy



Original Color

94.0520, 1.4534, 47.3124

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2240, 0.3826, 17.3436

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.0520, 1.4534, 47.3124 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(148, 66, 97)` looks like.

```
.text, #text, p{  
    color:rgb(148, 66, 97)  
}
```

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(148, 66, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 66, 97) }
```

Border

The CSS property to change the border of an element to YUV 94.0520, 1.4534, 47.3124 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(148, 66, 97) }
```


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

```
.border{ border-color:rgb(148, 66, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 66, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 66, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 66, 97);  
box-shadow:4px 4px 4px 4px rgb(148, 66,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 94.0520, 1.4534, 47.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 66, 97) }
```

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

```
.background{ background-color: rgb(148, 66,  
97) }
```

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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