

Converting Colors

YUV(95.0330, 10.3367, 44.6981)

Have a look what the booklet for
YUV(95.0330, 10.3367, 44.6981)
contains.

YUV(95.0330, 10.3367, 44.6981)	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(95.0330, 10.3367,
44.6981)**

Conversions

Conversions Part 1

Format	Color
Hex	924174
RGB	146, 65, 116
RGB Percent	57%, 25%, 45%
CMY	0.4275, 0.7451, 0.5451
CMYK	0.00, 0.55, 0.21, 0.43
HSL	322°, 38%, 41%
HSV	322°, 55%, 57%
XYZ	16.8967, 11.1525, 17.7851
YIQ	95.0330, 31.9050, 33.0330

Conversions

Conversions Part 2

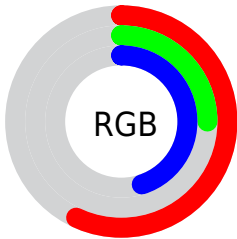
Format	Color
R_{YB}	146, 65, 116
Decimal	9585012
CIE _{Lab}	39.84, 40.47, -13.06
CIE _{LCh}	40, 42.523, 342.116
Yxy	11.1525, 0.3686, 0.2433
Android (android.graphics.Color)	4287775092 (0xFF924174)
YUV	95.0330, 10.3367, 44.6981
Hunter-Lab	33.3954, 31.8719, -8.1987

Details

The YUV color **95.0330, 10.3367, 44.6981** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **115.9670, -10.3367, -44.6981**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6420, 10.0365, 47.6720**, and **41.4290, 13.0995, 45.2278** is the 20% darker color. If you saturate the color by 10%, you get **85.6580, 12.4936, 52.9199**, and if you desaturate by 10%, it is **104.4080, 8.1799, 36.4762**.

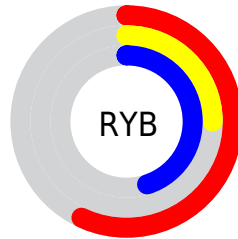
Distribution



Red (57%)

Green (25%)

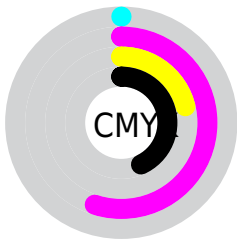
Blue (45%)



Red (57%)

Yellow (25%)

Blue (45%)

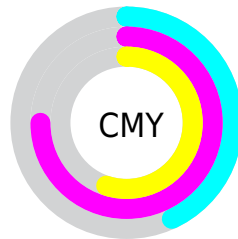


Cyan (0%)

Magenta (55%)

Yellow (21%)

Black (43%)



Cyan (43%)


Magenta (75%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.0330, 10.3367, 44.6981 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 95.0330, 10.3367, 44.6981 by changing the saturation by 10% instead.


 95.0330, 10.3367,
44.6981

 95.0330, 10.3367,
44.6981


255.0000, 0.0000,
0.0000


 69.4350, 10.6315,
43.4685


 147.6420, 10.0365,
47.6720


 41.4290, 13.0995,
45.2278

 175.2400, 9.7417,
48.9015

 25.1630, 9.7796,
36.6910

 201.4570, 10.6207,
46.9572

 16.6040, 4.1392,
25.7803

 221.1990, 15.1849,
29.6435

 0.0000, 0.0000,
0.0000

 237.9770, 8.3923,
14.9292

■ 95.0330, 10.3367,
44.6981

■ 95.0330, 10.3367,
44.6981

■ 85.6580, 12.4936,
52.9199

■ 104.4080, 8.1799,
36.4762

■ 76.7560, 13.9243,
60.7270

■ 113.3100, 6.7492,
28.6691

■ 67.3810, 16.0812,
68.9489

■ 122.6850, 4.5923,
20.4473

■ 58.4790, 17.5119,
76.7559

■ 131.5870, 3.1616,
12.6402

■ 54.1420, 18.6640,
80.5595

■ 140.9620, 1.0047,
4.4183

■ 150.3370, -1.1521,
-3.8035

■ 159.2390, -2.5828,
-11.6106

■ 168.6140, -4.7397,

-19.8325

■ 177.5160, -6.1704,
-27.6395

Harmonies

Analogous

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



97.1030, 24.1062, 14.8187



95.0330, 10.3367, 44.6981



91.9840, -5.4151, 57.0190

Triad

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



95.0330, 10.3367, 44.6981



88.5920, -34.8019, 9.1278



79.9430, 29.6081, -70.1100

Complementary

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



95.0330, 10.3367, 44.6981



115.9670, -10.3367, -44.6981

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.



77.3550, 14.6150, -67.8403



95.0330, 10.3367, 44.6981



84.0210, -22.1954, -21.0664

Square

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



95.0330, 10.3367, 44.6981



91.2020, -33.1306, 33.1488



72.0770, -0.5310, -63.2115



78.7010, 40.0804, -69.0208

Rectangle

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



95.0330, 10.3367, 44.6981



92.1010, -16.3188, 54.2854



72.0770, -0.5310, -63.2115



79.3900, 24.9507, -69.6250

Sweetspot

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



95.0330, 10.3367, 44.6981



168.8480, 4.0189, 17.6733



83.2040, 30.9584, 10.3451



82.0490, 2.4408, 10.4810



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



95.0330, 10.3367, 44.6981



109.0930, 16.2232, 70.0784



90.4730, -7.1352, 48.6972



69.5490, 0.7153, 3.9035



51.1800, 17.6593, 76.1411



3.6740, 1.1467, 5.5479

Inverse Universe

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



95.0330, 10.3367, 44.6981



109.0930, 16.2232, 70.0784



120.5270, 7.1352, -48.6972



69.5490, 0.7153, 3.9035



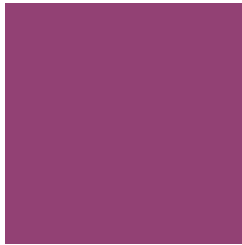
51.1800, 17.6593, 76.1411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 95.0330, 10.3367, 44.6981 looks on a white background.

Color Contrast Check

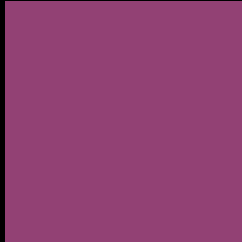
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.0330, 10.3367, 44.6981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

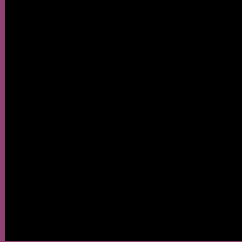
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.0330, 10.3367, 44.6981

Background



This preview shows how black text looks on a background with the YUV color 95.0330, 10.3367, 44.6981.



This preview shows how white text looks on a background with the YUV color 95.0330, 10.3367,

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

95.0330, 10.3367, 44.6981

Protanopia

94.1290, 21.1354, -12.3911

Deuteranopia

95.1770, 8.2937, -0.1552



Tritanopia

94.3150, -7.5503, 41.8197

Trichromacy



Original Color

95.0330, 10.3367, 44.6981

Protanomaly

94.5230, 16.9972, 8.3113

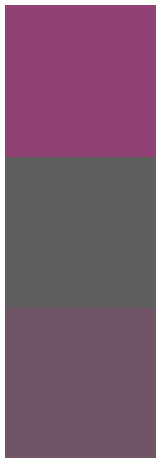
Deuteranomaly

95.1020, 8.8237, 16.5735

Tritanomaly

94.3350, -1.1512, 42.6792

Monochromacy



Original Color

95.0330, 10.3367, 44.6981

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1360, 3.8770, 16.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0330, 10.3367, 44.6981 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(146, 65, 116)` looks like.

```
.text, #text, p{  
    color:rgb(146, 65, 116)  
}
```

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(146, 65, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 65, 116) }
```

Border

The CSS property to change the border of an element to YUV 95.0330, 10.3367, 44.6981 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(146, 65, 116) }
```


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

```
.border{ border-color:rgb(146, 65, 116) }
```

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

Here you see how a box with a 4 pixel rgb(146, 65, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 65, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 65, 116);  
box-shadow:4px 4px 4px 4px rgb(146, 65,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 95.0330, 10.3367, 44.6981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 65, 116) }
```

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

```
.background{ background-color: rgb(146, 65,  
116) }
```

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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