

Converting Colors

YUV(97.6570, 13.9731, 45.0278)

Have a look what the booklet for
YUV(97.6570, 13.9731, 45.0278)
contains.

YUV(97.6570, 13.9731, 45.0278)	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(97.6570, 13.9731,
45.0278)**

Conversions

Conversions Part 1

Format	Color
Hex	95427E
RGB	149, 66, 126
RGB Percent	58%, 26%, 49%
CMY	0.4157, 0.7412, 0.5059
CMYK	0.00, 0.56, 0.15, 0.42
HSL	317°, 39%, 42%
HSV	317°, 56%, 58%
XYZ	18.1085, 11.7923, 21.0604
YIQ	97.6570, 30.2080, 36.2560

Conversions

Conversions Part 2

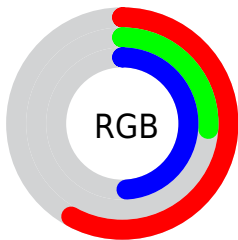
Format	Color
R_{YB}	149, 66, 126
Decimal	9781886
CIE _{Lab}	40.88, 42.52, -17.59
CIE _{LCh}	41, 46.012, 337.527
Yxy	11.7923, 0.3553, 0.2314
Android (android.graphics.Color)	4287971966 (0xFF95427E)
YUV	97.6570, 13.9731, 45.0278
Hunter-Lab	34.3400, 34.0336, -12.3240

Details

The YUV color **97.6570, 13.9731, 45.0278** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **117.3430, -13.9731, -45.0278**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9670, 13.8203, 47.3869**, and **43.3520, 16.5885, 46.1723** is the 20% darker color. If you saturate the color by 10%, you get **88.3960, 16.5668, 53.1497**, and if you desaturate by 10%, it is **106.9180, 11.3794, 36.9059**.

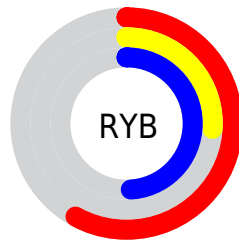
Distribution



Red (58%)

Green (26%)

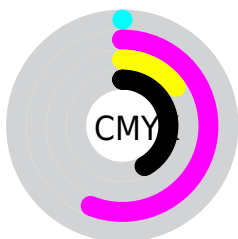
Blue (49%)



Red (58%)

Yellow (26%)

Blue (49%)

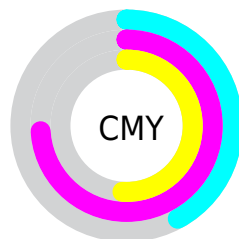


Cyan (0%)

Magenta (56%)

Yellow (15%)

Black (42%)



Cyan (42%)

Magenta (74%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6570, 13.9731, 45.0278 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 97.6570, 13.9731, 45.0278 by changing the saturation by 10% instead.

■ 97.6570, 13.9731,
45.0278

■ 97.6570, 13.9731,
45.0278

■ 255.0000, 0.0000,
0.0000

■ 71.4720, 14.5573,
44.3131

■ 150.9670, 13.8203,
47.3869

■ 43.3520, 16.5885,
46.1723

■ 177.9780, 13.8148,
49.1313

■ 27.0860, 13.2686,
37.6356

■ 203.9990, 15.2835,
44.7279

■ 18.1140, 7.3388,
26.2100

■ 222.7150, 15.9165,
28.3139

■ 2.3640, 1.2995,
3.1888

■ 239.1510, 7.8136,
13.8996

■ 0.0000, 0.0000,
0.0000

97.6570, 13.9731,
45.0278

97.6570, 13.9731,
45.0278

88.3960, 16.5668,
53.1497

106.9180, 11.3794,
36.9059

79.1350, 19.1604,
61.2716

116.1790, 8.7858,
28.7840

69.8740, 21.7541,
69.3935

125.4400, 6.1921,
20.6621

60.4990, 23.9110,
77.6154

134.8150, 4.0352,
12.4402

56.8630, 25.2105,
80.8041

144.0760, 1.4415,
4.3183

152.7500, -0.8628,
-3.2887

162.0110, -3.4564,
-11.4106

171.2720, -6.0501,

-19.5325

■ 180.5330, -8.6438,
-27.6544

Harmonies

Analogous

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



98.9220, 28.6325, 9.7154



97.6570, 13.9731, 45.0278



93.7010, -2.8106, 61.6522

Triad

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



97.6570, 13.9731, 45.0278



90.4310, -40.6385, 14.5310



82.4050, 28.8873, -72.2692

Complementary

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



97.6570, 13.9731, 45.0278



117.3430, -13.9731, -45.0278

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.



78.8880, 12.8732, -69.1848



97.6570, 13.9731, 45.0278



86.0770, -27.1530, -17.6075

Square

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



97.6570, 13.9731, 45.0278



93.1920, -34.6047, 39.2966



73.2680, -3.5831, -64.2560



82.3200, 41.2542, -72.1946

Rectangle

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



97.6570, 13.9731, 45.0278



93.6010, -14.5933, 60.8629



73.2680, -3.5831, -64.2560



81.7380, 23.7932, -71.6842

Sweetspot

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



97.6570, 13.9731, 45.0278



173.6030, 5.6187, 17.8882



82.0400, 33.0113, 5.2269



85.2770, 3.3144, 10.2811



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.



97.6570, 13.9731, 45.0278



113.5860, 21.8961, 70.5231



92.9830, -3.9356, 49.1269



69.6630, 1.1521, 3.8035



52.6620, 23.3376, 74.8414



3.7880, 1.5835, 5.4479

Inverse Universe

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



97.6570, 13.9731, 45.0278



113.5860, 21.8961, 70.5231



122.0170, 3.9356, -49.1269



69.6630, 1.1521, 3.8035



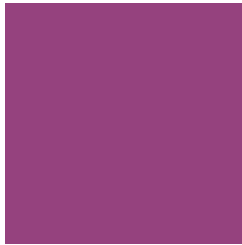
52.6620, 23.3376, 74.8414



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 97.6570, 13.9731, 45.0278 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 97.6570, 13.9731, 45.0278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

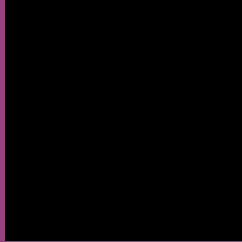
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.6570, 13.9731, 45.0278

Background



This preview shows how black text looks on a background with the YUV color 97.6570, 13.9731, 45.0278.



This preview shows how white text looks on a background with the YUV color 97.6570, 13.9731,

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

97.6570, 13.9731, 45.0278

Protanopia

96.0730, 26.0930, -15.8500

Deuteranopia

97.6650, 11.5042, -3.2142



Tritanopia

97.0160, -7.4029, 41.2050

Trichromacy



Original Color

97.6570, 13.9731, 45.0278

Protanomaly

96.4780, 21.9493, 6.5968

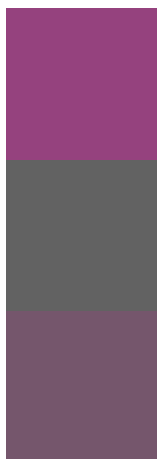
Deuteranomaly

97.4160, 12.6129, 14.5442

Tritanomaly

97.0900, 0.4486, 42.8941

Monochromacy



Original Color

97.6570, 13.9731, 45.0278

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7770, 5.0399, 16.8586

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6570, 13.9731, 45.0278 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, 66, 126)` looks like.

```
.text, #text, p{  
    color:rgb(149, 66, 126)  
}
```

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, 66, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 66, 126) }
```

Border

The CSS property to change the border of an element to YUV 97.6570, 13.9731, 45.0278 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, 66, 126) }
```


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

```
.border{ border-color:rgb(149, 66, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 66, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 66, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 66, 126);  
box-shadow:4px 4px 4px 4px rgb(149, 66,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 97.6570, 13.9731, 45.0278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 66, 126) }
```

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

```
.background{ background-color: rgb(149, 66,  
126) }
```

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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