

Converting Colors

YUV(94.4870, 15.0429, 28.5139)

Have a look what the booklet for
YUV(94.4870, 15.0429, 28.5139)
contains.

YUV(94.4870, 15.0429, 28.5139)	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(94.4870, 15.0429,
28.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	7F487D
RGB	127, 72, 125
RGB Percent	50%, 28%, 49%
CMY	0.5020, 0.7176, 0.5098
CMYK	0.00, 0.43, 0.02, 0.50
HSL	302°, 28%, 39%
HSV	302°, 43%, 50%
XYZ	14.7714, 10.6274, 20.6748
YIQ	94.4870, 15.7670, 28.1430

Conversions

Conversions Part 2

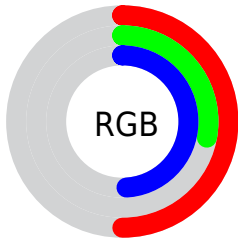
Format	Color
R_{YB}	127, 72, 125
Decimal	8341629
CIE _{Lab}	38.95, 31.99, -20.22
CIE _{LCh}	39, 37.842, 327.702
Yxy	10.6274, 0.3206, 0.2307
Android (android.graphics.Color)	4286531709 (0xFF7F487D)
YUV	94.4870, 15.0429, 28.5139
Hunter-Lab	32.5997, 23.8315, -14.7820

Details

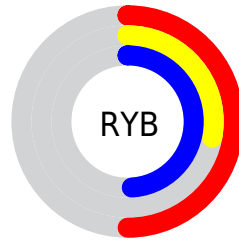
The YUV color **94.4870, 15.0429, 28.5139** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **104.5130, -15.0429, -28.5139**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0250, 15.7637, 30.6731**, and **45.4760, 15.0483, 26.7695** is the 20% darker color. If you saturate the color by 10%, you get **86.8560, 18.8050, 35.2063**, and if you desaturate by 10%, it is **102.1180, 11.2808, 21.8215**.

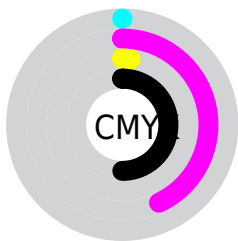
Distribution



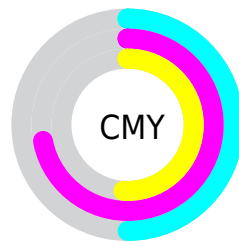
- Red (50%)
- Green (28%)
- Blue (49%)



- Red (50%)
- Yellow (28%)
- Blue (49%)



- Cyan (0%)
- Magenta (43%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (72%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.4870, 15.0429, 28.5139 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 94.4870, 15.0429, 28.5139 by changing the saturation by 10% instead.

■ 94.4870, 15.0429,
28.5139

■ 94.4870, 15.0429,
28.5139

■ 255.0000, 0.0000,
0.0000

■ 69.7750, 14.9009,
27.3843

■ 146.0250, 15.7637,
30.6731

■ 45.4760, 15.0483,
26.7695

■ 172.7370, 15.9057,
31.8027

■ 21.5900, 15.4851,
26.6696

■ 200.5630, 16.4844,
32.8322

■ 13.5150, 9.1131,
17.0883

■ 224.4760, 15.0483,
26.7695

■ 0.3420, 1.3104,
-0.2999

■ 240.9120, 6.9454,
12.3552

■ 0.0000, 0.0000,
0.0000

■ 94.4870, 15.0429,
28.5139

■ 94.4870, 15.0429,
28.5139

■ 86.8560, 18.8050,
35.2063

■ 102.1180, 11.2808,
21.8215

■ 79.6980, 21.8409,
41.4839

■ 109.2760, 8.2449,
15.5439

■ 72.0670, 25.6030,
48.1762

■ 116.9070, 4.4828,
8.8516

■ 64.3220, 28.9283,
54.9686

■ 124.6520, 1.1576,
2.0592

■ 57.2780, 32.4009,
61.1462

■ 132.2830, -2.6045,
-4.6332


■ 51.8810, 34.5687,
65.8794

■ 139.4410, -5.6404,
-10.9108

■ 147.0720, -9.4025,
-17.6031

■ 154.8170,

-12.7278, -24.3955

 161.8610,
-16.2005, -30.5731

Harmonies

Analogous

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



93.1500, 26.0550, -3.6396



94.4870, 15.0429, 28.5139



92.0520, 1.4534, 47.3124

Triad

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



94.4870, 15.0429, 28.5139



88.3960, -30.7612, 19.8237



75.7880, 21.3035, -66.4661

Complementary

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



94.4870, 15.0429, 28.5139



104.5130, -15.0429, -28.5139

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.



72.8410, 7.4734, -63.8816



94.4870, 15.0429, 28.5139



85.3220, -25.3017, -4.6674

Square

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



94.4870, 15.0429, 28.5139



90.4120, -24.8531, 38.2267



79.2070, -10.9481, -35.2615



76.7630, 32.6548, -67.3212

Rectangle

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



94.4870, 15.0429, 28.5139



90.9570, -7.8668, 50.0267



79.2070, -10.9481, -35.2615



75.2350, 16.6461, -65.9811

Sweetspot

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



94.4870, 15.0429, 28.5139



152.9720, 5.9298, 11.4256



78.8680, 23.7291, -4.2692



76.3690, 3.7621, 6.6924



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



94.4870, 15.0429, 28.5139



115.1760, 23.5772, 44.5726



91.4090, 3.2494, 31.2133



59.8910, 2.0257, 3.6036



52.2940, 34.8581, 66.3942



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.4870, 15.0429, 28.5139



115.1760, 23.5772, 44.5726



107.5910, -3.2494, -31.2133



59.8910, 2.0257, 3.6036



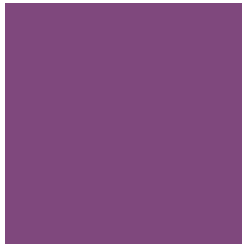
52.2940, 34.8581, 66.3942



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 94.4870, 15.0429, 28.5139 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 94.4870, 15.0429, 28.5139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

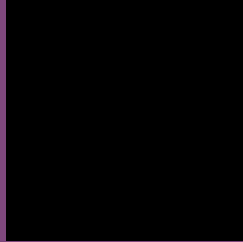
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.4870, 15.0429, 28.5139

Background



This preview shows how black text looks on a background with the YUV color 94.4870, 15.0429, 28.5139.



This preview shows how white text looks on a background with the YUV color 94.4870, 15.0429,

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

94.4870, 15.0429, 28.5139

Protanopia

91.8020, 23.7616, -14.7354

Deuteranopia

92.7400, 14.4252, -6.7880



Tritanopia

93.3560, -3.1335, 25.1208

Trichromacy



Original Color

94.4870, 15.0429, 28.5139

Protanomaly

92.8040, 20.8026, 1.0489

Deuteranomaly

93.2300, 14.6766, 5.9373

Tritanomaly

93.7890, 3.5550, 26.4950

Monochromacy



Original Color

94.4870, 15.0429, 28.5139

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1460, 5.3510, 10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4870, 15.0429, 28.5139 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(127, 72, 125)` looks like.

```
.text, #text, p{  
    color:rgb(127, 72, 125)  
}
```

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(127, 72, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 72, 125) }
```

Border

The CSS property to change the border of an element to YUV 94.4870, 15.0429, 28.5139 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(127, 72, 125) }
```


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

```
.border{ border-color:rgb(127, 72, 125) }
```

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

Here you see how a box with a 4 pixel rgb(127, 72, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 72, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 72, 125);  
box-shadow:4px 4px 4px 4px rgb(127, 72,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 94.4870, 15.0429, 28.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 72, 125) }
```

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

```
.background{ background-color: rgb(127, 72,  
125) }
```

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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